# CLEMSON & IT STUDENT ADVISORY BOARD

Student Driven, Results Focused

The **IT Student Advisory Board** is a governance group comprised of undergraduate and graduate students from across the colleges at Clemson University. The Board's main purpose is to provide feedback to the **CIO** and **CCIT** senior staff on business and strategic decisions, but also boasts the unique opportunity to drive 10 percent of the student IT fees towards IT related projects and initiatives. Over the years, this 10 percent has led to the funding of projects ranging from mobile development to the purchasing of new printers and other technologies in the library and academic buildings across campus.

# Funding Innvoation



## CUhackit

CUhackit approached ITSAB looking to help fund Clemson's first 23-hr, University-wide, student-run hackathon. CUhackit, best described as an "invention marathon," encouraged creativity, innovation, and collaboration on campus from students at any level. The hackathon was organized by students, for students, and resulted in 22 demos that spanned virtual reality, gaming and robotics.

**$25,000 (2018)**

## CU Cyber

Clemson's cybersecurity team, CU Cyber, have placed in regional competitions for the past several years but were in need of a server to practice and build their skills. Student representatives visited ITSAB and demonstrated how a server would further their education and help raise the profile of Clemson's growing cybersecurity education initiatives.

**$25,000 (2018)**





## SolarStations

Two student-made SolarStations (outdoor solar charging tables) will soon make their debut at the Watt Family Innovation Center. The new tables improve upon the original version at Lee Hall (2016) and include solar power monitoring and weather powder coating.

**$4,000 (2018) and $6,200 (2016)**

# Students First

## Coding for the Carillon

The student board funded an interdisciplinary Creative Inquiry initiative to control the carillon bells in the Tillman Bell Tower through a web-based/mobile application for the entirety of campus. Funding also updated the current pneumatic automation server, allowing the group to interface remotely but also increased the range of notes the system can play. Eventually, the project will allow students to program popular songs and vote to hear them during the day.

**$56,925 (2017)**

## Coding Club

Clemson student Claudia Giles also received funding from ITSAB to further her work in what she dubbed her "Coding Club," where she traveled to Central Elementary School every week to teach young students about basic computer coding. ITSAB funds allowed Giles to purchase extra equipment and triple the amount of activities possible each week.
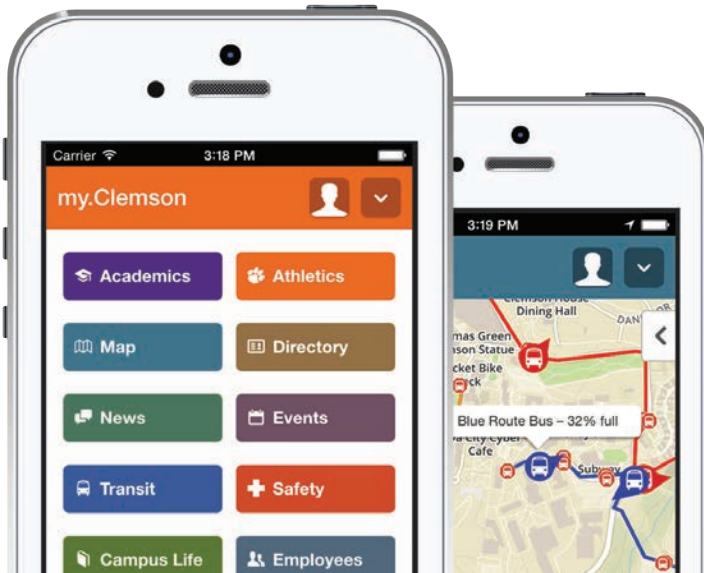
**$750 (2017)**

## Hardware Repair

ITSAB provided funds to subsidize CCIT hardware repair in both 2017 and 2016, helping CCIT fulfill its mission to students and provide top-notch service. 22,200 customers walked into the CCIT Support Center for help in FY17 and ITSAB's sustaining commitment ensured that customers who needed hardware repair would find a quick and quality resolution.

**$80,000 (2017) and $80,000 (2016)**

# Future Focused



## CU Mobile

CU Mobile provides updates to the critically important my.Clemson app. The app developers frequently solicit input from ITSAB and have used funds to make quality-of-life improvements to the app. Past updates include Canvas integration, bus tracking (2016), directory and lab finder. Planned updates include a redesign, global search, push notifications, real-time news stream and iRoar integration.

**$20,000 (2017), $20,000/$1,500 (2016)**

## CALM BEFORE THE
# STORM
## $4,000 (2017)

## CUSG R&D ARCHIVING
# SYSTEM
## $5,000 (2017)

## RiSE SUSTAINABLE
# SPOOLS
## $1,320 (2017)

## Makerspace

The popular Makerspace in the Watt Family Center for Innovation underwent a dramatic upgrade thanks to ITSAB funding. The space added stations for textiles, Computer Numerical Control, 3D scanning, 3D part finishing, and Arduino while boosting its 3D printing and laser cutting capabilities. ITSAB also funded four full-time student interns to staff the space and assist guests with their projects.

**$150,000 (2017) and $65,000 (2016)**

# Inspired Learning

## iMac Upgrade

Students who visit Clemson's R.M. Cooper Library may find themselves using another successful ITSAB project. The board funded the replacement of more than a dozen iMacs for the library, allowing users to take advantage of the newest technology. Students frequently use iMacs for intensive software projects like SolidWorks, AutoCAD and the Adobe Creative Suite. New iMacs increase the amount of available workstations to help students achieve.

**$27,735 (2017)**

## Accessibility Services

ITSAB provided funding to Student Accessibility Services to continue their mission of making Clemson resources readily usable and accessible by students with varied characteristics, strengths, and challenges. ITSAB funding helped the department purchase Livescribe pens to help note taking, acquire iPads for accessible student data input and check-in, and purchase needed cables and notebooks.

**$10,005 (2017)**

## Apple Loaner Program

The CCIT Support Center now boasts a supply of Apple laptops to loan students while CCIT services their computer, thanks to ITSAB funding. Instead of going without a laptop–a common source of frustration in the past–students can now borrow a Mac from CCIT and sync their data from the cloud to minimize educational interruption.

**$20,000 (2017)**

# Constantly Creating



## Clemson TEDx

TED Talks have exploded in popularity, and ITSAB provided funding for Clemson to host its own TEDx event on campus. TEDx events tackle technological issues pressing contemporary society and include speaker lectures, video lectures, performer shows, discussion forums, and participant workshops. After a debut event in April 2016, organizers are hard at work to bring the next iteration to Clemson's campus.

**$15,000 (2017)**

# DEN
### $4,000 (2016)

# IDEA SCALE
### $5,000 (2016)

# CSAW
### $1,320 (2016)

## Network Upgrade

ITSAB allocated substantial funds to fund Core Campus and network upgrades, helping to replace aging infrastructure and providing cabling and routers for Core Campus buildings. A resmedianet network in student housing also provided connections for gaming and streaming devices.

**$241,036 (2016)**

# Campus Quality

## Virtual Reality Club

The Clemson University Virtual Reality Club received a boost from ITSAB funding. The Club, which secured a permanent home in the Watt Family Center for Innovation, upgraded its VR equipment and hired student interns to operate the equipment. The Club works with faculty and students on VR projects and aims to educate the community. Tigers are invited to involve the Immersive Space in curriculum planning, rent equipment and learn to harness the emerging technologies.

**$33,227 (2017)**





## Residence Hall Printing

ITSAB funding helped place new Ricoh printers in residence halls across campus in 2016, providing students a convenient location place to print class assignments. The PawPrints system currently boasts printing stations in 12 buildings across campus at 24 different locations. Residence hall printing fulfilled a popular student request and is a popular initiative today.

**$14,752 (2016)**

## Laundry Alert

Thanks to ITSAB, students in residence halls are now able to use a Laundry Alert app to check the availability of laundry machines and notify them via app when their laundry load has finished. ITSAB funded implementation of the system in the University's residence halls, which was introduced in the fall of 2017.

**$49,898 (2017)**