

Jacob Varner

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EDUCATION

AUBURN UNIVERSITY

BS IN SOFTWARE ENGINEERING

May 2017 | Auburn, AL

Samuel Ginn College of Engineering

Cumulative GPA: 3.33 /4.0

Major GPA: 3.53 /4.0

AUBURN UNIVERSITY

DUAL MBA & MISE

Expected May 2019 | Auburn, AL

Raymond J. Harbert College of Business

Samuel Ginn College of Engineering

PROJECTS

WEB

Auburn Flyers

www.auburnflyers.com

Basketball Blog

hoops.jacobvarner.com

Auburn Basketball Stats

www.auburnbasketballstats.com

Cycling Blog

cycling.jacobvarner.com

S.C.O.R.E.

www.scoreau.org

See all of my projects on my website or on my Github profile.

SKILLS

PROGRAMMING

Using...

JavaScript • Jekyll • Sass • HTML

Learning...

Angular • jQuery

Used...

Python • Ruby on Rails • Android

C++ • Assembly • PHP • C

Bootstrap • C# • SQLite • MySQL

Meteor.js • MongoDB

APPLICATIONS

Microsoft Office...

Word • Excel • PowerPoint

Adobe Creative Suite...

Photoshop • Illustrator • InDesign

Other...

Atom • Git/GitHub • Cyberduck

Google Docs, Sheets, & Slides

TeXShop • Todoist

EXPERIENCE

COSAM OUTREACH | GRADUATE RESEARCH ASSISTANT

August 2013 - Present | Auburn University, AL

- Manage invoices and payments for Project Lead The Way teacher trainings.
- Help prepare and run a myriad of STEM programs including BEST Robotics, Summer Science Institute, Robotics University and others that have involved thousands of K-12 students and hundreds of teachers.
- Oversee and distribute 24 MacBooks, 30 iPads and other technology for the various teacher trainings and student programs.
- Manage the main website that serves info for each of our programs and designed and developed stand alone websites for War Eagle BEST, South's BEST, and the Southeastern Center of Robotics Education.
- Head scorekeeper and webmaster for both War Eagle BEST and the South's BEST Regional Robotics Championship that have involved 240 schools and thousands of students in 2013, 2014, and 2015.

FITZ-THORS ENGINEERING, INC. | SUMMER SOFTWARE INTERN

May 2013 - Aug 2013 | Bessemer, AL

- Worked on my own projects as well as projects alongside the two other Electrical Engineers the summer after graduating high school.
- Developed a system of tracking surgical equipment in and out of operating rooms using different RFID tags and an RFID reader that was programmed using C# in Visual Studio.
- Prototyped a remote pet feeder with video chat capabilities using a Raspberry Pi and basic Python code along with APIs and the framework for the Raspberry Pi.
- Observed the development of a fully automated robotic arm that sealed the dashboard system of a car using a heated end effector.

INVOLVEMENT

AUBURN FLYERS CYCLING CLUB | ROAD CAPTAIN

April 2017 - Present | Auburn University, AL

Schedule group rides and training for road, organize team building activities off the bike, and fill out registration and forms for road racing season in the spring.

AUBURN BASKETBALL | LEADER OF THE JUNGLE

October 2014 - Present | Auburn University, AL

Work directly with Auburn Athletics to communicate ideas between the marketing department and our leadership team.

NOTABLE COURSES

Senior Design, Computer Architecture, Software Process, Databases, Wireless Software Engineering (Android), Computer Networks and Security, Software Quality Assurance, Software Design and Modeling (UML), Operating Systems, Algorithms, Software Construction, Discrete Structures