

# David Foster Echelberger

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## Education

**North Carolina State University** - Raleigh, NC  
B.S. Computer Science; Minor: Business Administration  
Current GPA: 3.5

**May 2019**

## Technical Skills & Accomplishments

*Programming Languages:* Java, JavaScript, HTML/CSS, REST APIs, Typescript, PHP, MySQL, Apache, Python, C, Shell  
*Development Tools:* Git, Eclipse, JetBrains IDEs, WordPress  
*Operating Systems:* macOS, Windows, Linux, UNIX, iOS  
*Projects:* GDPR Contracting Application, No Bribes App, Legal Web Portal Redesign, Multiple Flash to HTML5 Conversions  
*Achievements:* 2<sup>nd</sup> Place for Best Travel Hack at HackGT 2017; [Delta Assist](#)

## Relevant School Work

Data Structures, Software Engineering, Computer Networks, Automated Learning & Data Analysis, Operating Systems, Automata, Discrete Math, Java I-III

## Work Experience

**SAS Institute, Inc.** - Raleigh, NC  
Software Engineer – Technical Intern

**Nov. 2017 - Present**

- Developing cross-platform applications to streamline compliance with General Data Protection Regulation (GDPR)
- Building applications and websites that communicate applicable laws and regulations throughout the company
- Improving tools that track and monitor data systems to more efficiently focus efforts and resources
- Presenting proof of concepts, demonstrations, and final products to Executive Leadership and Legal team
- **Tools Used:** JavaScript, REST APIs, PHP, MySQL, AngularJS, Typescript, jQuery, Ionic, Shell, Git

**Honeywell International, Inc.** - Raleigh, NC  
Software Engineer – Co-Op

**Aug. 2017 – Dec. 2017**

- Launched enterprise software product, [Connexo](#), to produce unified smart grid IoT data management solutions
- Created and improved features of multiple web applications for a more responsive and intuitive user experience
- Engaged in full-stack software development in an Agile work environment
- Completed 9 biweekly sprints to meet strict production deadlines
- **Tools Used:** JavaScript, REST APIs, Java, SQL, HTML/CSS, Jenkins, Git, SonarQube

**NCSU, Computer Science Department** - Raleigh, NC  
Lab Instructor – E 115: Introduction to Computing Environments

**Jan. 2017 – Dec. 2017**

- Instructed 200+ First-Year Engineering students about various computing methods and technology resources

**Rodgers Builders, Inc.** - Charlotte, NC  
Innovation Specialist

**Summer 2016 & 2017**

- Managed and deployed Big Data, Augmented Reality, Artificial Intelligence, and Machine Learning technologies

## Leadership & Involvement

- University Scholar
- Eagle Scout of Troop 250 - Hickory, NC
- Black Belt – Mixed Martial Arts

**Fall 2015 - Present**