Curtis Vannor

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PROFILE

Goal oriented, self-starting Electrical and Computer engineering student with experience in web development and programming. Passionate about problem solving and working diligently in collaborative environments to develop impactful solutions and products.

Skills

- Javascript, HTML, CSS
- React, React Native
- PHP, SQL
- Java, Python
- C, C++

EDUCATION

University of Alabama at Birmingham — Birmingham, AL
Bachelor of Science, Electrical and Computer Engineering — Expected Date: May 2020
GPA — 3.20

EXPERIENCE

IBM Patterns Program — Austin, TX
Front End Developer — June 2019 – August 2019

- Worked on a team of five to develop a solution in the Indian healthcare space using cutting edge technology
- Accomplished the actualization of this solution with a working prototype written in React and React Native
- Developed data visualization components that garnered an 89% approval rate when doing user testing
- Accrued high approval from stakeholders and sponsor team
- Learned how to use Enterprise Design Thinking to effectively and efficiently develop user centered products at scale

UAB Department of Electrical and Computer Engineering — Birmingham, AL
Electrical Circuits Teaching Assistant — August 2018 – December 2018

- Implemented effective strategies that raised the course pass rate to 83% for the semester
- Increased course material retention and understanding using tactful review and teaching methods

Hyde Engineering — Birmingham, AL
Electrical Engineering Intern — January 2018 – April 2018

- Improved upon an existing project called the Site Lighting Intensity Measuring package
- Succeeded in conceptualizing methods of optimization for the tool using GPS technology
- Optimized the Java codebase of the tool to allow for better future refactoring

UAB Project Lab/Research Lab
Alabama Department of Rehabilitation Services — Birmingham, AL
Audiogram Sound Filter — January 2018 – April 2018

- Developed a Java application for the purpose of simulating hearing loss
- Implemented a Fast Fourier transform algorithm to access the frequency spectrum of audio files
- Designed a variable filtering algorithm to filter out frequencies specified by the user