

Curtis Prehn

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University Address

1300 Old Highway 12 Apt. 1101
Starkville, MS 39795

Home Address

32857 Highway 18
Bay Springs, MS 39422

Education

Bachelor of Science in Computer Engineering

Mississippi State University, Starkville, MS

Expected Graduation May 2018

Overall GPA: 3.89/4.00

Experience

Senior Design Project

Starkville, MS. Spring 2017-Present

- Collaborate with a team to design and implement a wireless, mesh networked athlete monitoring system for assessing real-time and historic health data
- Head the heart rate sensor team to design an effective electrocardiogram whose data is transmitted to a database for analysis

Information Technology Intern

Hol-Mac Corporation. Bay Springs, MS. Summer 2017

- Improved asset record keeping efficiency by composing and implementing a script to automate common filing tasks
- Explored the OpenBR and OpenCV facial recognition APIs to begin designing an identity verification system for the employee hour logging routine
- Aided in debugging errors associated with network firewall installation and DNS address resolution

Skills

- Experience in Python, C/C++, PHP, Verilog, and MIPS assembly language
- Familiarity with simulation and programming environments such as Quartus II, MPLAB X IDE, Visual Studio, Mathematica, MATLAB, and PSICE

Relevant Coursework

- Data Communications and Computer Networks
- Distributed Client/Server Programming
- Microprocessors
- Signals and Systems