James Tate

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Education:

Bachelor of Science Computer Engineering, Mississippi State University
Starkville, MS December 2015, Current GPA: 3.38/4.00

Associate of Arts Computer Science, Itawamba Community College
Fulton, MS May 2013, Overall GPA: 3.56/4.00

Development Languages: C++, PHP, C, Java, MySQL, Visual Basic, Assembly, HTML, Python
Development Tools: Visual Studio, Xilinx, Pspice, Microchip MPLAB
Other Skills Include: Vast knowledge of Computer Networking, Hardware Design using Field Programmable Gate Arrays, Micro-controller programming and implementation.

Work Experience:

Mississippi State University Engineering Department, Starkville, MS   2014 – Present

ECE Mentor

- Assist and provide guidance for a group of 30 first year ECE majors on multiple projects throughout the year.
- Organize social events aimed at first year ECE students to allow them to meet and bond with upper-classmates.
- Share knowledge gained with first year ECE students on what it takes to be a successful student.

Brad's Electronics, Pontotoc, MS   2005 - 2015

Satellite Technician, Website Designer and Developer, Network Technician

- Lead Satellite Technician. Train and supervise a group of 15 – 20 fellow technicians on newest industry technologies, ensuring correct implementation of systems, and quality control for the largest HughesNet Retailer in the world.
- Performed installation and maintenance of over 5000 residential, commercial, and enterprise communication satellite systems in seven states.
- Diagnose, repair, and implement computer network systems and structured wiring systems design.
- Server manager for company software. Built, implemented, and maintained the company's software server which ran a server client program used for scheduling and overall company management. This included designing and setting up a two ISP load balanced network to ensure reliable up-time for remote users.
- Lead website designer and developer. Led a team revamping the company website implementing a new user friendly interface, and easier blog management.

K & J Satellites, Guntown, MS   2003 - 2005

Satellite Technician

- Performed installation and maintenance of residential audio/video systems.
- Provided assistance in training customers during the installation or upgrading of their system.
- Maintained a territory that included customers in 16 counties.

Honors and Activities:

Itawamba Community College
  President's List
  Dean's List
  2013 Computer Science Department Award

Mississippi State University
  Dean's List
  ECE Ambassador