

KEVIN CONYERS

SOFTWARE ENGINEER

PROFILE

I am a new graduate of the Auburn University Software Engineering program. If you are looking for a candidate who will give it their all, and bring top quality talent to your team, then look no further. I have had the opportunity to work on numerous professional projects, including developing the EPS software for a satellite. I have a strong work ethic and am looking to take the next step in my career.

CONTACT

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TECHNICAL SKILLS

LANGUAGES:

- C: Two years
- C++: Two Years
- Python: Three Years
- JavaScript/HTML/CSS: One Year
- SQL: One Year
- C#: One Year

FRAMEWORKS:

- Nodejs: One Year
- .NET Core: One Year
- Azure

TOOLS:

- Git: Three years
- Linux Usage: Three Years
- CMake: One Year
- CLANG Compiler: One Year
- Azure Devops

PROFESSIONAL EXPERIENCE

Auburn University IT Support: August 2018–Present

Responsible for a wide range of IT support tasks, such as computer imaging, troubleshooting, and equipment maintenance. Hands on experience with the Microsoft AD environment, windows deployment manager, Acronis deployment manager, and various other technologies. I also developed a few internal tools for the IT staff, such as scripts to allow us to check the statuses of all our network printers at once.

RCRA Database project for Saturn Ergonomics: January 2020 – May 2020

I was the lead devops engineer for this project. I was responsible for developing and maintaining the continuous deployment pipelines from the development environment to the live application. I also developed all modules that touched interfaced with the Azure cloud services utilized, such as an Azure SQL database. Finally, I collaborated with the rest of my team to produce development documentation.

OTHER EXPERIENCE

Surface Area Gauge: January 2020 – May 2020

The final project for the embedded systems course took was to design and build a device capable of measuring the surface areas of leather cutouts on a transparent conveyor. The final design I implemented utilized the TI Tiva tm4c123gh6pm microcontroller. The controller monitored an array of photo resistors and measured the number blocked and utilized Pick's Theorem to calculate the surface area.

Small Satellite Club: Summer 2019 – Summer 2020

I was a team lead on the EPS section of the Auburn small satellite club. The duties of the position included developing drivers for various components (timers, temperature sensors, servos etc) as well as documented and cleaning up legacy code from past contributions. My most major contribution has been the design and implementation of the communications system between the EPS board and the main satellite computer. This was accomplished using two i2c busses, one for the computer and board connection and one for the board and it's components.

EDUCATION

Auburn University: Spring 2016 – Summer 2020

Bachelor of Software Engineering, Minor in Mathematics

While attending auburn I was exposed to numerous aspects of software engineering and computer science. From basic database usage and object-oriented programming fundamentals, to advanced topics such as data mining and machine learning, the education I received here ensures that I have the knowledge to start anywhere in the field.