Evan Putnam

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OBJECTIVE

Fourth year Computer Science major looking to apply learned theory and obtain practical experience through internship employment. Available Summer 2020.

EDUCATION

Rochester Institute of Technology
Bachelor of Science in Computer Science, December 2020
Minor in Communication
GPA: 3.35

SKILLS

Proficient in C, Java, Python, SQL, Git, AWS, Mac OS, Windows, and Linux.
Experience in Swift, C#, C++, Lua, Javascript, HTML, CSS, Bootstrap, MongoDB, Neo4J, Visual Studio, and Unity3D.

EXPERIENCE

Collins Aerospace Software Engineering Co-Op, *Cedar Rapids IA*   Sept 2018 - Current
Worked in Military Avionics Flight Displays, on a DevOps team, to support the development of software for aircraft display technologies. Focused primarily on automation of software verification efforts, development of tools to assist other engineers in day to day operations, and continuous build and test both locally as well as in the cloud with AWS.

Guardian Life IT and Shared Services Intern, *Bethlehem PA*   Jun 2018 - Sept 2018
Worked on development of an enterprise Java web application that used Spring MVC, Bootstrap, and JQuery. In addition, created data analytics for software incident reports, wrote software to visualize that data, and automated database tasks.

ACTIVITIES

RIT Space Exploration (RIT SPEX)
Student Director
> In charge of directing a student-faculty research group of 30+ students in various aerospace engineering projects.

Communication Sub-System and $50 Satellite Team Leader
> Responsible for leading a team in the design of a communications sub-system for a small cube satellite.

> Gathered weather images from NOAA satellites in which antennas were designed and manufactured. Wrote software for automation of data collection.

> Led a team in the design and preliminary construction of a small satellite based on design from the $50SAT - Eagle2 project.

Collins Aerospace Student Ambassador
Student Ambassador for Collins Aerospace at RIT. Responsible for working in conjunction with HR at Collins in recruiting, hosting student events, and acting as a direct point of contact for interactions between Collins and RIT.

PROJECTS

Augmented Reality Star Viewer, *WWDC SCHOLARSHIP 2018*
Designed and Implemented an Augmented Reality application that won a 2018 WWDC Scholarship from Apple. The application was created in Swift and used data from the open source HYG-Star database to create an AR walkthrough of the known universe.

Meade LX-200 Automation Software, *RIT SPEX*
Designed and wrote software in Python for automation of Meade LX-200 telescope over a wireless network. Features movement with joystick and tracking of low earth orbit satellites with two line elements.

Kladoi Language Compiler, *SCHOOL PROJECT*
As a final project for Programming Language Concepts a compiler written in Python was designed and implemented to convert a BASIC-like language to an assembly-like language.

COURSEWORK

• Concepts of Parallel and Distributed Systems • Concepts of Computer Systems • Operating Systems • Analysis of Algorithms • Mechanics of Programming • Intro to Computer Science Theory • Principles of Data Management • Programming Language Concepts • Introduction to Software Engineering • Probability and Statistics I • Linear Algebra • Calculus II • Business Communications