Jonathan Lemon - Charleston, SC
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Summary

Experienced with project design, object oriented programming, networking, wireless communications, IT, cybersecurity, and embedded systems. Notable projects include a company-specific code analyzer, steganographic encryption system, and a botnet system. Currently seeking a full-time software engineering position

Skills and Qualifications

- C++, C#, C, Java, Python, HTML, CSS, JavaScript, SQL, PHP, NodeJS
- Linux
- Amazon Web Services
- Azure DevOps and Atlassian Jira
- Git Version Control
- Agile Development
- Microsoft Office and Google Application Suite
- Technical Documentation Writing
- VirtualBox
- Software Design and Architecture
- Postman API Testing/Development
- Shell Scripting

Experience

Full Stack Software Engineer | *LPL Financial* | Remote (June 2023-Current)
- Work to maintain and develop integration tests for several .NET APIs
- Track and document progress using Jira to write user stories and related tasks
- Implemented OAuth authentication for a back office Angular application
- Create UI features for displaying and managing tens of thousands of data records
- Implement new API logic to handle incoming data from M&A's

Software Engineer Intern | *SR Technologies* | Sunrise, FL (May-Aug 2022)
- Assist in debugging codebase for an embedded satellite communication product
- Research, design, develop, and release a company-specific code analysis application to greatly enhance the company's software engineering lifecycle
- Write technical documentation to detail the code analyzer project architecture and functionality

Head Undergraduate TA | *Clemson University* | Clemson, SC (Jan 2022-May 2023)
- Develop autograder testing programs to autonomously grade lab assignments for 150 computer science students on a weekly basis
- Manage several subordinate TAs, delegating responsibilities and monitoring their performance
- Lead weekly lab meetings, providing students with new programming concepts and guidance

IT Service Desk Analyst | *Charleston County School District* | Charleston, SC (June-Aug 2019)
- Understand the network hierarchy used to maintain a school district
- Manage Active Directory users and push district-wide group policy updates
- Resolve technological issues employees may experience through procedural instruction

Education

Clemson University Honors College | Clemson, SC | (2020-2024)
Bachelor of Science in Computer Science, Minor in Business Administration | Summa Cum Laude
Undergraduate Research Assistant | PERSIST Lab
Relevant Coursework: Data Structures and Algorithms, Operating Systems, Computer Organization

Extracurriculars

Executive Risk Manager | *Beta Theta Pi Fraternity* | Clemson University
- Work with Clemson University's Interfraternity Council and the Delta Nu chapter of Beta Theta Pi to ensure the fraternity's safety and success. (2021-2022)

Order of Omega Honor Society - Member - Clemson University
- Top 3% of Greek Affiliated Students