CHRIS LOFTIS

Columbia, SC 29205 | chris@chriswantsajob.com | www.github.com/iron-condor

Senior Java developer with background in enterprise telecom software

EDUCATION

University of South Carolina | College of Engineering and Computing — **May 2023**
Bachelor of Science in Computer Science — *Columbia, SC*
With Honors from South Carolina Honors College

WORK EXPERIENCE

Swampfox Technologies, Inc. (3 years) — *Columbia, SC*
Senior Software Developer — **Jan 2024 – Present**
Software Developer — **May 2023 – Jan 2024**
Product Development Intern — **May 2022 – May 2023**

- Developed and maintained telecom software that powers large enterprise company call centers
- Worked with other software developers, QA engineers and project managers on Scrum teams
- Served as technical lead/owner of mission critical software components for high-availability systems
- Met with project managers, engineers and stakeholders from other companies to understand their needs and develop custom systems to integrate with their proprietary infrastructure
- Triaged and debugged live issues with high-volume production call centers during emergencies
- Wrote documentation and automated tests to ensure project and code maintainability
- Served as a mentor and a technical resource for interns during their projects

University of South Carolina (1.5 years) — *Columbia, SC*
Undergraduate Research Assistant — **September 2019 – December 2020**

- Analyzed scientific problems to apply artificial intelligence and deep learning models.
- Studied and implemented existing machine, deep learning, and evolutionary programming models within larger systems to solve novel problems.
- Rapidly learned new libraries and frameworks to implement them in more complex programs.
- Generated and analyzed charts and statistics to find flaws and improvements with models.
- Wrote and contributed to research articles within the fields of Computer Science/Materials Design.
- Preprocessed raw data and transformed it into a format interpreted by machine learning models.
- Cooperated with a team of researchers and experts to further the field of Computational Materials Design.

SKILLS

Java	Maven	SMS systems
Junit5	Jenkins	Avaya telephony
Mockito	RabbitMQ	Linux
PostgreSQL	SQL Database Design	Job fairs & recruiting

ACCOMPLISHMENTS

2019 Recipient of Magellan Scholar Award for Research in Computational Physics
- Awarded to limited pool of applicants based on research proposal and budget request

Primary author: "Lattice Thermal Conductivity Prediction Using Symbolic Regression and Machine Learning." The Journal of Physical Chemistry A 125.1 (2020): 435-450.
- Collaborative research article based on machine learning and materials science research