Kevin Rodgers

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EDUCATION

Georgia State University   May 2023
Bachelor of Science in Computer Science   Atlanta, GA
Overall GPA: 3.71
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Software Engineering, Computer Org & Programming, Data Mining, Mobile App development, Web Programming, System Level Programming, Computational Epidemiology, Design & Analysis: Algorithms, Computer Architecture, Discrete Mathematics

TECHNICAL SKILLS

Programming Languages: C#, Python, C++, Java, C, JavaScript, HTML, CSS, PHP, Scala
Libraries & Frameworks: Flask, Angular, React, Node.js, MSTest, .NET Framework, WPF, SQLAlchemy
Other Tools: GIT, SQLite, Heroku, PostgreSQL, WordPress, Excel, Github, Gitlab, Linux, Unix, AWS, Hadoop, CMake

WORK EXPERIENCE

Georgia Tech Research Institute   Jan 2023 - Present
Software Engineer Intern   Atlanta, GA
- Assisted development, optimization, and testing of .NET C# and C++ code for modern radar systems on a midsize software development team in the System Design Division at the Aerospace, Transportation and Advanced Systems Laboratory.
- Developed a system to be able to create unit and integration tests for our previously untested Linux GNU compiled C++ side by using P/Invoke to call C API from C++ unmanaged functions into CLR C# managed code, and made the necessary changes to be able to compile it with Windows MSVC.
- Implemented features I developed such as C++ message bitset algorithm, XML Error Checker, C# WPF, C# and C++ tests by using DevOps practices to streamline the software development lifecycle, including continuous integration and deployment, by leveraging GitLab's built-in CI/CD pipelines. Merging my feature development branches onto the team's main branch.
- Documented features I created as well as features already established in the codebase to allow for clearer understanding by other developers, as well as to facilitate smoother collaboration and troubleshooting during the development process.

Del Frisco's Grille   May 2021 - Dec 2022
Server   Atlanta, GA
- Provided exceptional customer service in a fast-paced fine dining environment at one of Buckhead's top steakhouses.
- Maintained a thorough understanding of the menu and wine list in order to proactively upsell menu items to guests while ensuring customer satisfaction.

L.E.B. Electric   May 2016 – Aug 2019
Apprentice Electrician   Copiague, NY
- Worked as part of a team to install, repair, and test the safety of all wiring in residential buildings and a university.
- Assisted in the design, installation, and integration of electrical systems in union contract projects.

PROJECT EXPERIENCE

NBA Player Tracker
- Created a Python Flask app to let people add and keep track of their favorite players in the NBA on one page from use of the NBA_API for real-time statistics, storage using PostgreSQL, heroku hosting and Github for SCM and continuous integration.
- Worked with a team of 3 other developers using scrum agile methodology to complete our sprint goals by their deadlines.

TMDB Movie Explorer
- Created a full stack web application using JavaScript(React) that fetches and displays information about a randomly selected movie using TMDB and Wikipedia's API. Used Google APIs and web-scraping libraries to regularly refresh data.
- Allowed users to create accounts to be able to save their favorite movies and leave ratings/comments on movies using flask SQLAlchemy.

EXTRACURRICULARS

Pi Kappa Alpha   Aug 2018 – Present
Vice President, Internal   Atlanta, GA
- Oversee and direct the following chair committees: philanthropy, alumni relations, fundraising, scholarship, housing, and brotherhood. Identify and train men for every chair position in order to ensure continuing success within the organization.

United Student Organizations   Aug 2021 – Present
Founder   Atlanta, GA
- Helped found an organization as a branch of SGA to help other organizations come together to have a voice on issues that affect them.