Daniel Penkov

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Objective

Recent computer science graduate seeking software development role to utilize my skills and passion for technology to contribute to company's success.

Relevant Experience

Amazon | Seattle, WA   Jan 2022 – Apr 2022
Software Engineering Intern
- Implemented project that reorganized the structure of my team's service by migrating parts of the codebase to use Dagger for dependency injection and AWS ECS Fargate for computation.
- Leveraged AWS tools such as Amazon API Gateway and AWS ECS, as well as Git and Terminal.
- Fully owned project research, implementation, testing, performance analysis, documentation, and presentation.

Amazon | Nashville, TN   June 2021 – Sep 2021
Software Engineering Intern
- Implemented project that increased client onboarding speed and efficiency, saving time and computational resources.
- Learned and mastered AWS tools such as Amazon API Gateway, Amazon CloudWatch, and Amazon DynamoDB.
- Developed backend features in the Java Spring framework.
- Fully owned project implementation, testing, performance analysis, documentation, presentation, and deployment.

DECA Virtual Competition Platform | Seattle, WA   Sep 2020 – Jan 2021
Technical Lead – Sponsored by Microsoft & UW Seattle
- Lead 5 peers on a newly started web portal solution for a remote alternative to DECA events and competitions.
- Designed and implemented the application database using Azure Table Storage API.
- Developed backend controller functions within an ASP .NET application framework.
- Developed UI features within the DECA portal using React JS.
- Guided team in the use of these tools, as well as Git and Terminal.

King County Sheriff's Office Air Support Unit | Seattle, WA   Nov 2018 – June 2020
Full Stack Developer – Sponsored by Microsoft Hack For Good
- Developed and maintained a data management web application that allowed KCSO staff to log flight data, personnel training, inventory items, etc., more effectively, giving them more time to save lives.
- Developed UI features using Angular to facilitate the viewing and filtering of data.
- Developed API endpoints using .NET for updating and retrieving training data from a SQL database.
- Tested and debugged production code throughout the web application.
- Mentored new developers through the ramp up process in the Angular framework and other technologies.

- Learned new technologies including Git, Terminal, Angular, and Postman.

Technical Skills

Programing languages: Java, JavaScript, TypeScript, C++, C#, Python, SQL, React, CSS
Tools: Bash/Linux Shell, Git, Angular, Java Spring, Postman, PostgreSQL, SQL Server, Amazon API Gateway, Amazon CloudWatch, Amazon DynamoDB

Education

University of Washington | Bothell, WA   **Class of 2022**
Bachelor of Science in Computer Science and Software Engineering
Relevant Courses Completed: Foundations of Computer Programming, Data Structures and Algorithms, Cloud Computing, Computer Systems*,* Technical Writing

Academic Honors

Annual Dean's List Scholarship Status Recipient– University of Washington
Washington State Honors Recipient – Redmond High School