Taylor Randolph Griffin

taylorgriffin.io

taylor@taylorgriffin.io

taylorrgriffin on GitHub

EDUCATION

Oregon State University *Corvallis, OR*   June 2020

      Bachelor of Science in Computer Science, Systems Track   GPA 3.81

      Graduated with *magna cum laude* honors

SKILLS

Coursework: Software Engineering, Algorithms, Operating Systems, Computer Architecture, Mobile & Web Development, Databases, Data Structures, Compilers

Languages: Node.js, React, React Native, Typescript, Python, C/C++, SQL, GraphQL, .NET, C#, JavaScript, Android (Java)

Methodologies: Agile, Test-Driven-Development, Feature-Driven-Development, Pair-Programming

EXPERIENCE

Tasty Beacon   December 2019-Present

Co-founder and Software Engineer

Helping food truck vendors and patrons meet supply and demand through an easy to use find-and-order interface.

Primary Duties:

- Full-stack React Native, GraphQL, Node.js, and MySQL development focusing on scalability and rapid iteration
- Data model and system architecture design
- Deploy react native application to App Store and Google Play Store using Expo
- Utilize Docker to deploy infrastructure including APIs and databases to AWS

Cambia Health Solutions *Portland, OR*   April 2019-April 2020

Software Development Engineer Intern

Develop, test, and deploy software as a member of the Product Applications team to support Cambia's mission of serving as a catalyst to transform the healthcare industry.

Primary Duties:

- Develop Node.js microservices and React applications to support analysts in data availability and transparency
- Create ETL programs using Python to assist in data delivery to Cambia's business partners
- Design processes for Continuous Integration and Continuous Delivery of Node.js and Python apps to on-premises servers

OSU Center for Applied Systems and Software *Corvallis, OR*   November 2018-April 2019, April 2020-June 2020

Software Development Engineer Intern

Deliver products to clients within teams of student software developers, and full-time mentors. Clients include Oregon Department of Transportation, Smarter Balanced, USDA, and Oregon Department of Environmental Quality.

Primary Duties:

- Full-stack ASP.NET development including C#, ASPX, JavaScript, CSS, and MSSQL
- Conduct code reviews, and provide mentorship and training for new student developers
- Communicate with clients to gather requirements and discuss acceptance criteria

SENIOR CAPSTONE PROJECT

OSU AIAA High Altitude Liquid Engine Rocket Team   September 2019-June 2020

Computer Science Capstone

Develop software and systems to support the OSU AIAA student-led rocket team competing in the Base 11 Space Challenge. The winning team will earn a $1 million prize for their institution by designing, building, and launching a liquid-propelled, single-stage rocket to an altitude of 100 kilometers (the Karman Line) by December 30, 2021.

Primary Duties:

- Develop interface to acquire data from sensors affixed to liquid engine testing apparatus using Python and LabView
- Design and implement RESTful API and database to make sensor data globally available using Node.js and MongoDB
- Create sample applications to consume the API and visualize data in a meaningful way using Python and React