

Will Borland

Objective

Obtain a Software Engineering internship where I can work with a team to deliver impactful software.

Experience

United Health Care – Software Engineering Intern

Austin, TX – May 2018 – August 2018

Created an internal .NET framework to standardize the design and implementation of customer-facing data reports and analytic tools. Worked on an agile team to build user-friendly web pages that streamline the creation of data reports for product management and marketing.

Continental Automotive – Software Engineering Intern

Seguin, TX – May 2017 – August 2017

Created full-stack web applications to improve the productivity of the manufacturing using LAMP stack with a collaborative version control system. Worked with multiple departments to create customer desired applications such as tools for optimizing scheduling, checklist automation, and a dynamic data display system.

Education

Purdue University – B.S. Computer Science, May 2020

Specialization in Software Engineering and Security

Westlake High School – Austin TX: Distinguished Diploma, May 2016

4 years of CS Courses: Java, PHP, HTML, JavaScript, CSS, SQL, National Honor Society Web Master

Projects

MariGold – iOS App

CS 307 Software Engineering – Spring 2018

Healthcare iOS app built with a RESTful API backend on AWS that helps users learn and track their medications. A user is notified if a new medication conflicts with other medications or if there is a risk of an allergic reaction. Scrum master for this semester long project with a team of 4 people.

JobTracker – Webapp

Personal Project – Fall 2018 - Present

Personal job tracking software to manage information about applied jobs. Built on AWS EC2 with a Flask web framework and MySQL.

Activities/Clubs/Honors

Purdue Dean's List, Dec 2016

Purdue University Hackers, Fall 2016 – Present

Purdue University Band & Orchestras Trumpet, Fall 2016 – Present

Purdue University Band & Orchestras Operations Team, Fall 2016 – Present

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Skills

Java, C/C++, Python, PHP, HTML, CSS, JavaScript, C#, .NET, Node.js, SQL

Git, Agile, Linux, UNIX, Atlassian Software Suite

AWS S3, EC2, ELB, Lambda, RDS
CloudFront, Route 53, SMS and SNS

Relevant Coursework

- Object-Oriented Programming
- Programming in C
- Computer Architecture
- Data Structures & Algorithms
- Systems Programming
- Software Engineering I
- Operating Systems
- Information Systems

Leadership

- Purdue CS Launchpad Mentor
Fall 2018
- Westlake High School Band Drum Major
Fall 2015 – Spring 2016
- Westlake High School Band Instructional Leadership Team
Fall 2014 – Spring 2016
- Westlake National Honor Society Officer and Web Master
Fall 2015 – Spring 2016