

# 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 301 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.

### Brass – UNIX Shell

CS 252 Systems Programming – Spring 2018

Created an interactive UNIX shell in C/C++ with lex and yacc.

## 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 (Spring 2019)
- Software Testing (Spring 2019)

## 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