

Will Borland

512-705-8697
will@wborland.com
wborland.com

Experience

Teradata – Software Engineering Intern

Austin, TX – May 2019 – August 2019

Created a modular python app to generate automated analytic and performance reports for multiple database systems. Used Teradata SQL to query and manipulate data across local, hybrid and cloud deployed database systems.

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 scrum team that used code-reviews, automation testing and continuous integration 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 REST 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 an AWS EC2 Linux instance and RDS MySQL database. Uses AWS CloudFront and Route53 for web distributions and CodeDeploy for automatic deployment.

Activities/Clubs/Honors

Purdue Dean's List, Spring 2019, Fall 2016

Purdue University Hackers, Fall 2016 – Present

Purdue University Band & Orchestras Trumpet, Fall 2016 – Present

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

Skills

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

Git, Kubernetes, Docker, Hive, Linux, UNIX, Windows, Atlassian Software Suite, Agile Development

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

Relevant Coursework

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

Leadership

- Scrum master for software engineering project team
- 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