Noah L. Alderton

nalderto@purdue.edu | (317) 759-9855 | West Lafayette, IN
noahalderton.com | github.com/nalderto/ | linkedin.com/in/noahalderton/

Education

Purdue University – West Lafayette, IN
Graduating May 2021 • GPA: 3.8/4.0
Bachelor of Science in Computer Science and Data Science
Bachelor of Arts in Political Science

Experience

Software Engineer Intern – Grainger, Inc.
Summer 2019 • Chicago, IL
- Developed an iPhone printing application using React Native to reduce time needed for KeepStock representatives to replace stockroom item labels
- Created an automated benchmarking tool for Teradata databases to eliminate the dependence on preexisting data to run benchmarking queries
- Migrated Analytics team's Python 2 codebase to Python 3

Software Developer Intern – UnitedHealthcare
Summer 2018 • Indianapolis, IN
- Corrected front-end defects on the UHC Motion's ASP.NET website
- Built a database monitor using the .NET Framework to notify administrators of database issues via email or text messaging

Lecturer – Purdue University
Fall 2019 – Present • West Lafayette, IN
- Lecturer for CS 193: Tools, where I teach students the tools of software development including git, terminal, and debugging

Undergraduate Teaching Assistant – Purdue University
Fall 2018 – Present • West Lafayette, IN
- Instructor and grader for lab assignments for Tools, C Programming, and Systems Programming courses

Projects

Sentiment Analysis on Supreme Court Confirmation Hearings
- Research project to study changes in the sentiment of Senate hearings for nominated Supreme Court justices over time

Officium
- React web app that manages applications for jobseekers
- Allows users to compare potential jobs by cost of living, crime, traffic, etc.
- My role was both a Scrum Master and developer on our team of six

DebateTimers.com
- Developed to assist new judges with the logistics of timing rounds
- Built using HTML, CSS, and JavaScript

WSD Timer
- Android application built using Flutter to time World Schools Debate
- Help students practice debating without worrying about timing

Languages

Python
Java
C/C++
C#
Dart
JavaScript
HTML/CSS
R
SQL

Frameworks

React
React Native
Flutter
.NET Framework
ASP.NET

Relevant Courses

Data Structures & Algorithms
Systems Programming
Software Engineering
Software Testing
C Programming

Leadership

Purdue CS Undergraduate Student Board

Hello World Hackathon Mentor

Purdue IEEE Code Café Mentor

Activities

BoilerMake VI Hackathon

Hello World Hackathon

Accomplishments

Office of Undergraduate Research Scholar

1st Place in SigAPP Challenge

Dean's List Recipient