

# Noah L. Alderton

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## 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

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

1<sup>st</sup> Place in SigAPP Challenge

Dean's List Recipient