

Noah L. Alderton

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Education

Purdue University

Graduating May 2021 • GPA: 3.77/4.00

Bachelor of Science in Computer Science and Data Science

Bachelor of Arts in Political Science

Experience

Software Engineer Intern – Salesforce

Summer 2020 • Atlanta, GA

- Interned on the Marketing, Intelligence, and Analytics team for Salesforce Pardot
- Primarily used PHP and Symfony

Software Engineer Intern – Grainger

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 • West Lafayette, IN

- Lecturer for CS 193: Tools, where I taught 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 the factors that influence variation in Senator sentiment during Senate hearings for Supreme Court Nominees.

Officium

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

DebateTimers.com

- Developed to assist new judges with the logistics of timing debate 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++
- JavaScript
- HTML/CSS
- R
- SQL

Frameworks

- React
- React Native
- Angular
- Flutter
- .NET Framework

Relevant Courses

- Data Structures & Algorithms
- Systems Programming
- Data Mining and Machine Learning
- Software Engineering
- Software Testing

Leadership

- Purdue CS Undergraduate Student Board
- Hello World Hackathon Mentor
- Purdue IEEE Code Café Mentor

Activities

- BoilerMake VI Hackathon
- Hello World Hackathon

Accomplishments

- 1st place Liberal Arts Oral Presenter at Purdue Undergraduate Research Conference
- ACM Undergraduate Teaching Assistant Award
- Outstanding Service to the CS Department
- Office of Undergraduate Research Scholar
- 1st Place in SigAPP Challenge