

Noah L. Alderton

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Education

Purdue University – West Lafayette, IN

GPA: 3.69/4.00 • August 2017 – May 2021

Bachelor of Science in Computer Science and Data Science

Bachelor of Arts in Political Science

Experience

Salesforce – Seattle, WA

Software Engineer (MTS) • May 2022 – Present

Associate Software Engineer (AMTS) • June 2021 – May 2022

Software Engineer Intern • May 2020 – August 2020

- Maintain and continue feature development of Pardot landing pages, form handlers, forms, custom redirects, files, folders, grading and scoring.
- As Scrum lead for my team, I am responsible for organizing and leading our Scrum ceremonies including standup, refinement, planning, and retrospective.
- Implemented reCAPTCHA Enterprise to rate limit form submissions, which has eliminated form submissions spam incidents.
- Refactored and updated landing page publishing API to allow for updating attributes of landing pages while unpublishing.
- Implemented Salesforce SSO OAuth authentication and added Block Editor support to the Pardot plugin for WordPress, using PHP and JavaScript.

Grainger – Chicago, IL

Software Engineer Intern • May 2019 – August 2019

- 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.

UnitedHealthcare – Indianapolis, IN

Software Developer Intern • June 2018 – August 2018

- Corrected front-end defects on the UHC Motion's ASP.NET website
- Built a database monitor using .NET Framework to notify administrators of database issues via email or SMS text messaging

Purdue University – West Lafayette, IN

Undergraduate Teaching Assistant • August 2018 – May 2021

Lecturer • August 2019 – December 2019

- Lecturer for CS 193: Tools, where I taught students the tools of software development including git, terminal, and debugging.
- Assisted students during labs and graded assignments for Computer Science Tools, C Programming, and Systems Programming courses.
- Developed Python modules for Introduction to Political Analysis course to teach students textual analysis through web scraping.

Research

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.
- Published paper in Journal of Purdue Undergraduate Research.

Languages

- Python
- Java
- C/C++
- JavaScript
- PHP
- R
- HTML/CSS
- SQL

Frameworks

- React
- React Native
- Symfony

Relevant Courses

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

Activities

- Microsoft TEALS Volunteer
Teaching Assistant

Accomplishments

- Salesforce Pardot Rookie of the Year
- 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