Daniel Filler

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Education

The Ohio State University,   08.2016 – 05.2020 | Columbus, OH
B.S. Computer Science and Engineering
- **GPA**: 3.36, Dean's List, **Focus**: Artificial Intelligence
- **Relevant Coursework**: Data Structures and Algoritms, Computation Theory, Complexity Analysis, Internet Networking, Network Science, Neural Networks, Distributed Systems and Parallel Computing

Professional Experience

Xant, *Frontend Software Engineer*   06.2020 – Present | Lehi, UT
- Drove development of new features in collaboration with product and design teams for a range of React/Redux applications built in varying architectures
- Coordinated frontend, backend, and data layer resources to develop a new app as a squad lead
- Mentored new developers in understanding the codebase and team processes

The Ohio State University, *Grader*   08.2018 – 05.2020 | Columbus, OH
- Graded homework and large project assignments for courses in advanced software design with Java, and introductory Artificial Intelligence (CSE 2231, CSE 3521)
- Simplified documentation for scripts used by other graders to test student projects
- Provided valuable feedback to students on correctness, testing coverage, efficiency, and style

John Deere, *Software Engineering Intern*   05.2019 – 08.2019 | Des Moines, IA
- Integrated into a frontend team building a data-intensive React-Redux application
- Owned development of a feature incorporating a new endpoint into the UI
- Enhanced existing Google Analytics, enabling product owners to more accurately analyze user activity

Projects

Java Docs, *java-docs.herokuapp.com*
- MERN Stack web application for documenting complex coffee recipes
- Designed a REST API to provide basic CRUD functionality for logging recipes
- Built a server using Express to serve frontend content and respond to API requests
- Deployed application through Heroku and MongoDB Atlas

Novel Graph Generation Models, *dfclutch.github.io/apps/d3*
- Built a web page using for presenting implementations of random graph generation, including models of my own design. This project was created to learn the D3 library for a school project.
- Used D3js as the visualization tool for creating force directed graph layouts and interactive visualizations

Skills

Web App Development
ES6, Node.js (Express, Hapi), NPM, Webpack, Babel, React 16, Redux, React Router, Lodash, jQuery, styled-components, D3js, Immutable.js, Moment, Web APIs, JWT auth, HTML, CSS/Sass

Software Engineering
Git, Bash, Docker, CI/CD (Bamboo, Jenkins, Travis), Instrumentation (Google Analytics, Mixpanel), Caching (redis), TDD, Agile, Python (Flask), Rust