

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 Algorithms, Computation Theory, Complexity Analysis, Internet Networking, Network Science, Neural Networks, Distributed Systems and Parallel Computing

Professional Experience

Xant, Frontend Software Engineer

07.2020 – Present | Lehi, UT

- Drove development of new features in collaboration with product and design teams for a range React/Redux applications built in varying architectures
- Coordinated frontend, backend, and data layer efforts to develop a new app as a Project Lead
- Mentored new developers in understanding the codebase, developing and bugfixing, and team practices

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

- Improved an agricultural data analysis web application by developing a feature to provide further data granularity through a new data endpoint designed in collaboration with another intern
- Enhanced existing Google Analytics, enabling product owners to more accurately analyze user activity
- Integrated into an Agile development team by quickly learning their tool chain and application architecture

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 Application Development

ES6, Node.js, NPM, Webpack, Babel, React 16, Redux, React Router, Lodash, jQuery, CSS/Sass, styled-components, HTML, D3js, Web APIs, JWT auth

Software Engineering

Git, Bash, Containerization (Docker), CI/CD (Bamboo, Jenkins, Travis), Instrumentation (Google Analytics, Mixpanel), TDD, Agile