

Cole Johnson

EDUCATION

Purdue University - B.S. Computer Science, Certificate in Entrepreneurship
West Lafayette, IN - Class of 2019

EXPERIENCE

Purdue University - CS193 Lecturer

West Lafayette, IN - August 2017 - Present

Lead team of 22 TAs and 3 partner lecturers to instruct 500+ students on bash, version control, vim, and terminal usage. Created lectures, labs, and quizzes

Mimir - Software Engineering Intern

Indianapolis, IN - May 2017 - August

Worked with team of 4 on React and Rails app. Built out test case, sections, and course management interface for computer science classroom platform.

Lead engineering of new landing page in coordination with design and product to change brand identity.

Kevy - Software Engineering Intern

Atlanta, GA - May 2016 - August 2016

Built and shipped a new analytics dashboard using Ruby on Rails and EmberJS.

Provided and decrease in load time by 500% by switching from SQL to ElasticSearch.

Decreased load time on detailed analytics pages by 850% through use of ElasticSearch.

PROJECTS

Plotvis - Research Project

October 2017 - Present

Worked with researchers to engineer a product to visualize data collected by drones to help analyze growth of plots. Lead app engineering.

Rachis - Developer Tool

January 2017

A developer tool built with NodeJs and Angular 1 that provides simple API endpoints for common services.

Turnip - Event based Social Network

May 2017

Developed Angular frontend and contributed to Node backend for an events social network.

Seevee - Resume Builder

July 2016

Built a resume and website management tool. Architected Node/Mongo backend with Angular frontend. Deployed on a kubernetes cluster

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WORKED WITH

Javascript (React, Node, Angular, Ember), Ruby On Rails, Java, C(++), HTML, CSS, Git, PostgreSQL, MongoDB, Python

COURSES

- Object Oriented Programming
- C Programming
- Data Structures & Algorithms
- Computer Architecture
- Systems Programming
- Software Engineering
- Software Testing
- Operating Systems

INVOLVEMENT

Boilermake - Design Team

Lead & Exec Board

Since March 2017

Computer Science

Undergraduate Student Board

Vice President

Since March 2016