

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 a 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.

Purdue University - CS190 Teaching Assistant
West Lafayette, IN - August 2016 - Present

Instructed 40+ students by covering topics including Git, GitHub, shells, editors, and debuggers.

Keyv - 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 ElasticSeach.

PROJECTS

Rachis - Endpoint 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
January 2017 - May 2017

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

CASh - UNIX Shell

February 2017 - March 2017
Implemented a UNIX shell in C and C++ with yacc and lex

Seevee - Resume Builder
July 2016 - January 2017

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, ElasticSearch, Git, MongoDB, Python

COURSES

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

INVOLVEMENT

Boilermake - Design Team & Exec Board
March 2017 - Present

Computer Science Undergraduate Student Board

Vice President - March 2017
Director of Public Relations - April 2016
Board Member - February 2016

