

220 Dunseith Street,
Pittsburgh, PA 15213

Elijah Kajinic

elk75.github.io/portfolio
github.com/elk75

(412) 296-9252
elk75@pitt.edu

WORK HISTORY

Software Engineer, Intern	Honeywell	Summer 2019
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Honeywell Voice Solutions (Pittsburgh, PA)

- Developed a test automation tool in Python to automate the submittal of forms on the company website which reduced the input required for a user-generated test file by 50%.
- Implemented REST API in Python and MySQL to communicate with company lab devices in order to enhance the Javascript-based company web portal by displaying real-time device data.
- Integrated JIRA API with company web portal resulting in reduced time to find open issues with the company product.

Tutor

January 2019 – May 2019

Data Structures (University of Pittsburgh)

- Taught various data structures and algorithm concepts in Java.
- Broke down complex topics such as heaps, hashmaps, objects, object-oriented design, recursion, and bit manipulation into easy to understand lessons.

EDUCATION

University of Pittsburgh

August 2017 – May 2021

B.S. in Computer Science

GPA: 3.9

Relevant Coursework: Introduction to Cloud Computing, Algorithm Implementation, Data Structures, Software Quality Assurance, Introduction to Operating Systems, Intermediate Programming Using Java

AWARDS

1st Best Use of Big Data – Pitt Challenge Hackathon

October 2019

SnackCheck [WEBSITE](#) | [GITHUB](#)

- Competed against 600 to provide a creative solution for a problem related to health.
- Assembled a mobile app in React Native which allowed individuals to input their dietary preferences and allergens to dynamically generate a list of recipes.

PROJECTS

Personal Website: elk75.github.io/portfolio (for more projects and relevant information)

Partify [WEBSITE](#) | [GITHUB](#)

- Worked in a team of two to build a website that used the Spotify API to scrape the data of multiple users and create a shared playlist catering to everyone's taste.
- Communicated with the Spotify REST API in order to dynamically create user playlists.
- Utilized: Typescript, React

Cryptocurrency Tracker [WEBSITE](#) | [GITHUB](#)

- Built an online application to track over 3000 cryptocurrencies through calls to the CryptoCompare API.
- Assembled with React and Redux to allow for graphically displaying and updating real-time price updates.
- Utilized: Javascript, Express, React, Redux, Node.js, Heroku

YelpCamp – Yelp for Campsites [WEBSITE](#) | [GITHUB](#)

- Created a Yelp clone hosted with Heroku that allowed users to post and review various campsites.
- Used Passport.js in conjunction with MongoDB in order to authenticate and store user data.
- Utilized: Javascript, MongoDB, Express, Node.js, Passport.js, Heroku

LANGUAGES AND TECHNOLOGIES

Languages: Python, Java, Javascript, Typescript, C, MySQL, MongoDB, HTML/CSS

Technologies: React, React Native, Redux, Node.js, Git, Jira, AWS, Hadoop, Docker, Selenium, Perforce