

# Eli Badgio

[eli.badgio@gmail.com](mailto:eli.badgio@gmail.com) | 610-256-1767 | 2303 Goldsmith Street, Houston, TX, 77030

## EDUCATION

**Rice University** | Houston, TX  
BA in Computer Science  
Expected Graduation May 2019  
GPA: 3.65/4.0

## SKILLS

### FLUENT

Python • JavaScript • React.js  
• Node.js • HTML / CSS

### PROFICIENT

Java • SQL • C

### FAMILIAR WITH

React-Native • Kotlin • Ruby

## LINKS

[elibadgio.com](http://elibadgio.com)  
[github.com/ebadgio](https://github.com/ebadgio)  
[linkedin.com/in/eli-badgio](https://linkedin.com/in/eli-badgio)

## WORK EXPERIENCE

### CryptoEQ | Contract Web Developer

October 2018 – Present | Houston, TX

- Developing the backend API routes to serve the client with cryptocurrency prices and trading signals (RSI, SO, SRSI, WR, and CCI) for 100 distinct cryptocurrencies.
- Contributing to the design of the React.js frontend client.

### DigitalCrafts | Developer in Residence

September 2018 – Present | Houston, TX

- Working on development of course materials (exercises, test suites, and projects) in JavaScript, HTML/CSS, React.js, and SQL.
- Providing assistance as an instructor for 20 students.

### SAP America Inc. | Software Development Intern

June 2018 – August 2018 | Newtown Square, PA

- Worked on the development of an SAP HANA based Datahub for SaskTel, a Canada based telecommunications company.
- Analyzed the performance of the Datahub's daily contract loading process using SAP HANA performance tracing tools.
- Researched SQL performance tuning techniques and used these techniques to eliminate several performance bottlenecks discovered during analysis.
- Built a continuous integration testing framework for the Datahub with a combination of an SAP developed server-side JavaScript runtime called XSJS and SAP HANA's native SQLScript. The framework was added as a package to the production codebase.

## PROJECTS

### Walnut

- Created a web app aimed at increasing community engagement for clubs and organization with a primary focus on facilitating natural and organized discussion.
- Developed the API using Node.js with MongoDB as the database and built the frontend using the React.js framework.
- Three university clubs were using the platform before termination of the project.

### Web Proxy

- Developed a fully functional concurrent web proxy written in C.
- Implemented the concurrent functionality using a producer/consumer pre-threading approach.

### Part-of-speech Tagging

- Designed and implemented a stochastic part-of-speech tagger in Python, base around first and second order Hidden Markov Models.
- With a 2,000,000 word training corpus, 97.6% accuracy was obtained using my trigram Viterbi model.