

# Eli Badgio

[eli.badgio@gmail.com](mailto:eli.badgio@gmail.com) | 610-256-1767 | 119 Glenwood Rd, Merion Station, PA, 19066

## EDUCATION

**Rice University** | Houston, TX

BA in Computer Science

BA in Cognitive Science

Expected Graduation May 2019

GPA: 3.67/4.0

## SKILLS

### FLUENT

Python • JavaScript • React.js

• Node.js • HTML • CSS

### PROFICIENT

Java • SQL • C

### FAMILIAR WITH

React-Native • Kotlin • Ruby

## LINKS

[github.com/ebadgio](https://github.com/ebadgio)

[linkedin.com/in/eli-badgio](https://www.linkedin.com/in/eli-badgio)

## WORK EXPERIENCE

**SAP** | Software Engineering 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.

**Stack Hack Tutoring** | Founder; Lead Tutor

May 2018 – Present | Wynnwood, PA

<https://www.stackhacktutoring.com>

- Designed the entire syllabus and course materials to tutor Python programming and full stack web development, which includes instructional videos, exercises, and a capstone web-dev project.
- Providing lessons to six students and counting.
- Saw over \$2500 revenue after just two months.
- Managing two assistant tutors, who I hired as contractors.

**The Black Sheep** | New Business Development Manager

November 2016 – April 2017 | Houston, TX

- Gathered new business leads and gauged their interest in executing a marketing campaign.
- Cultivated relationships with interested clients.

## PROJECTS

**Walnut** | Personal

- 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** | Course Work

- 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** | Course Work

- Designed and implemented a stochastic part-of-speech tagger in Python, based 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.