

## EDUCATION

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### PRINCETON UNIVERSITY

*Princeton, NJ, Class of 2021*

- **GPA:** 3.85 (Departmental) | 3.67 (Cumulative)
- **Major:** Computer Science, **Minor:** Entrepreneurship
- **Relevant Coursework:** Algorithms and Data Structures, Introduction to Programming Systems, Advanced Programming Techniques, Reasoning About Computation, Introduction to Data Science, Economics and Computation, Computer Networks, Computer Vision, High Tech Entrepreneurship

## WORK EXPERIENCE

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### SOFTWARE ENGINEERING INTERN

*Alariss Global, June-August 2020*

- Designed, built, & deployed scalable matching algorithm & document parser to rank 20,000 job candidates against open positions given resumes & job descriptions using nltk, pandas
- Developed Flask backend for internal interview scheduling application with accurate time zone calculations, automated email scheduling, lightweight authentication, admin interface
- Automated BD outreach workflow utilizing Crunchbase, LinkedIn scraping, & mail-merge software

### PRODUCT MANAGEMENT INTERN

*Afari, June-August 2019*

- Frontend Developer for the social media application's website (Bootstrap, jQuery, & PHP)
- Performed cost-analysis on many user acquisition channels, initiated Campus Ambassador program
- A/B Tested and improved features of the social media product through user testing & wireframing

## PROJECTS

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### GAME DESIGNER & DEVELOPER, "PACKIT"

*Princeton, NJ., Spring 2020*

- Designed & developed game (PhaserJS) teaching intro-level CS students loops & arrays with 15 unique levels, tutorials, hints, & solution code; used by Princeton instructors for exam preparation

### TEAM LEADER & BACKEND SOFTWARE ENGINEER, "TIGERTASK"

*Princeton NJ., Fall 2019-Spring 2020*

- Implemented food delivery web application for university with email integration, multi-factor authentication, payment processing, A/B tested user interfaces, mobile compatibility
- Managed team of four engineers, maintained Git best practices, performed user testing

### CREATOR & FULL-STACK DEVELOPER, "EZAPPLY"

*Princeton, NJ., Fall 2019*

- **Built** college admissions quiz & matching algorithm which generates college lists using 30+ considerations (student preferences/abilities); cleaned & analyzed 500+ college dataset received through NGO partner

## EXTRACURRICULAR ACTIVITIES

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### CREATOR & AFFILIATE MARKETER

*YouTube, 2017-2020*

- Built college admissions YouTube Channel with 2MM views, 32K subscribers, \$80k in affiliate sales

### BUSINESS MANAGER

*The Princeton Footnotes, 2018-2020*

- Projected annual revenue/expenses; planned international Europe tour generating \$5,300 (33% increase)

## RELEVANT SKILLS

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- **Programming Technologies:** Java, Python, JavaScript, Git, nltk, pandas, Flask, Bootstrap, Airtable (Advanced); SQL, C, R, Swift, Selenium, AWS, jQuery (Intermediate); React, Django, Vue, AJAX (Beginner)
- **Technical Focus:** Backend Software Development, Efficient Algorithm Design, Web Development, User Interface Design, Data Mining & Data Analysis, Natural Language Processing, Google SEO