

LAWRENCE LUO

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EDUCATION

Boston University, College of Arts and Sciences
B.A. in Computer Science & Psychology

May '19

EXPERIENCE

Full Stack Mobile Developer, Cortex Inc, Cortex Drive

Jul '19 - Present

- Developed & deployed React-Native app to help high schoolers & their parents navigate the college admissions process
- Implemented freemium model with account authentication, monthly paid subscriptions & daily remote push notifications
- Served 100+ lessons & curriculum pieces to 50+ students on an automated daily schedule using Firebase

Product Development Associate, BU Spark!

Jan '18 - May '18

Student Technical Director, BU Spark!

Feb '17 - Dec '17

- Founding member of new university initiative endowed with \$1 million to promote student-driven entrepreneurship in tech
- Mentored 7 student teams in 1 semester from product ideation through product launch, attaining 100% MVP completion
- Connected 40+ orgs' real-world Data Science & ML products to 50+ student teams as Experiential Learning Program lead

Technical Product Manager, BU Venture Accelerator, Ohner

Sep '17 - Dec '17

- Implemented Agile methods for technical tasks for student startup, with 40% increase in short-term goals met

Mobile Developer, Boston Public Schools, More Than A Mile

Summer '17

- Guided 4-student team for a mobile app (React-Native) incentivizing students to attend STEaM-oriented events (50+ users)
- Improved event signups by 50%+ by incorporating feedback from 3 iterations of user experience (UX) sessions

Back End Web Developer, American Sign Language (ASL) Linguistic Research Project

Sep '15 - Feb '17

- Developed database functions and 3 APIs for Flask & SQL web app, enabling admin to user interaction
- Designed 10+ schemas, & migrated database from SQLite to MySQL, improving database efficiency

PRODUCTS

Founder, Poise (React-Native, JavaScript, Firebase)

Oct '17 - May '18

- Deployed mobile app helping students combat performance anxiety in competition & student life (30+ users for alpha release)
- Implemented user authentication, user-created content, and user ratings systems using Firebase

Lead Developer, SmashStats (Flask, SQL, PostgreSQL, Bootstrap, BeautifulSoup, Heroku)

May '15 - Aug '16

- Created global ranking system for eSport Super Smash Bros., calculated using Microsoft Research TrueSkill™ algorithm
- Accumulated 120,000+ views, increasing user acquisition with dev blog & Google Analytics data

SKILLS

Programming Languages: Python, JavaScript, SQL, HTML, CSS, Java

Technical Expertise Areas: Full Stack Mobile & Web Dev, Project Management, Databases, Game Dev, VR/AR

Tools and Frameworks: React, React-Native, Flask, MySQL, Firebase, BeautifulSoup, Bootstrap, MEAN, Unity, Sketch, MongoDB, Jupyter, Insightly CRM, Trello, Agile, Scrum, Slack, TestFlight, Google Analytics, Heroku

LEADERSHIP

President, Open Web: App Incubator

Jan '16 - Dec '17

- Managed 8 club events & workshops, ran 30+ weekly meetings for 18 members
- Co-founded BU Computer Science student mentoring program, matching 52 upperclassmen to 50+ underclassmen

President & Music Director, In Achord: A Cappella Group

May '16 - Dec '16

- Managed business operations & arranged 12 performances, led rehearsals 6 hrs/week for 17 musicians
- Released professional EP titled *Premiere*, managing release timeline with industry producers & music agencies