

Opey Adeyemi

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EDUCATION

The University of British Columbia

Sept 2018 - April 2022

Honours Bachelor of Computer Science (Hon. B.Sc.) | GPA - 4.0 (Avg. 96%)

Awards - Deputy Vice-Chancellor Scholarship (\$4000 total received) • Upper-Level Computer Science Award
• Distinguished Graduating Student Award (Department of CS, Math, Physics, & Statistics)

EXPERIENCE

Full-Stack Engineer @ Pallet

May 2022 - Apr 2023 | New York, NY

- Generated an 87% increase in sign-up conversion by redesigning the UX surrounding this flow to reduce the number of user friction points.
- Boosted the number of weekly paid subscription leads by 21% by designing and implementing a freemium tier of a core recruiting product offering.
- Architected bespoke API and front-end UI features to satisfy dynamic user needs at a rapid pace.

Lead Full-Stack Engineer @ UBC

Sept 2020 - April 2022 | Kelowna, BC

- Increased productivity of unit test generation by ~393% (\$55,728 saved in salary costs) by creating a domain-specific open-source JUnit5 testing library.
- Scaled team formation tool to be used in 8+ courses by 1000+ students by leading both design and development efforts while overseeing a team of 5 student developers.
- Improved constraint satisfaction by ~60% by researching and developing 2 new team generation algorithms and implementing them into the tool's web app.

Full-Stack Engineer (UI/UX) @ UBC

May 2021 - Sept 2021 | Kelowna, BC

- Reduced code testing overhead by 80+% (\$50,000+ saved) by automating test data creation and modularizing test suite to remove redundant tests.
- Enhanced team formation algorithm's efficiency by 97% by reducing database fetches and refactoring overarching backend module architecture.
- Worked toward site-wide WCAG 2.0 accessibility compliance and improved UX by redesigning all major components of the web app in Figma.

PROJECTS

Pallet Recruiter - Community-Based Recruiting

May 2022 - Apr 2023

Next.js, React.js, Node.js, TypeScript, Apollo GraphQL, Django, Python

A hub for recruiters to source and manage candidates, while empowering leaders to better connect their communities to opportunities. Used by 450+ startups and 100+ communities.

Teamable Analytics - Algorithmic Team Generator & Analytics

Jan 2021 - May 2022

Django, Docker, HTML5, JavaScript, SASS, PostgreSQL, Bootstrap 4

A learning management system integrated team formation tool utilized in 12+ university classes by 1000+ students that implements proprietary AI algorithms to form teams within academic contexts.

JUnit++ Library - Simplifying Unit Test Creation

Sept 2021 - May 2022

Java, JUnit5, Judge0

This library enables the quick creation and modification of unit tests written specifically to validate that student-submitted code meets the requirements of a given introductory programming question.

SKILLS

Languages, Frameworks, & Tools

Python, TypeScript, Node.js, JavaScript, CSS, SASS, HTML5, Java, Django, Next.js, React.js, Apollo GraphQL, REST API, Django REST Framework, PrismaORM, Graphene, Figma, Git, Github, Adobe Creative Suite, JetBrains IDE Suite, Linear, Mixpanel, Sentry, Docker, Google Cloud Platform, Graphite, Trello, Jira.