

HARMAN BRAR

Software Engineer

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harman-brar.github.io

EXPERIENCE

Founder

Netbooklet Technologies

Nov 2019 - Present Burnaby, BC, CA

- Ideated **netbooklet.com** based on market gap
- Developed product using **Vue + HTML, Node.js/Express & PSQL**
- Leading team of 3 in implementing new features, business strategies & building customer relations

Research & Development Intern

ABB Ltd.

Sept 2019 - May 2020 Richmond, BC, CA

- Led a team of 4 UI automation engineers
- Improved UI & Integration test run times by up to 31%
- Developed product integrations to improve engineer productivity using **Java, Groovy, and Kotlin**

Software Development Intern

Purposely Platform Inc.

May 2019 - Sept 2019 Burnaby, BC, CA

- Enhanced existing **React.js/Django** web application to a **PWA**
- Designed Django Models for efficiency, completeness, and usability
- Engaged in **Agile** development practices and company meet & greets

Software Engineer

UBC Sailbot

Sept 2018 - Sept 2019 University of British Columbia

- Developed **MongoDB** schema for storing autonomous sailboat sensor data
- Built **Node.js/Express** backend to enable two-way communication between web client and sailbot

Research Assistant

Momose Group (Physical Chemistry)

May 2018 - Sept 2018 University of British Columbia

- Automated visualization of data using **Igor** scripts, saving hundreds of hours of manual data handling
- Designed cutting edge ion optics configuration for a microwave trap cavity

SKILLS

Java

Advanced

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HTML + CSS

Advanced

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JavaScript

Advanced

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PSQL

Advanced

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JavaScript Frameworks

Proficient

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Flutter

Proficient

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Python

Proficient

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Azure CI/CD

Intermediate

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Intermediate

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EDUCATION

BSc Computer Science

University of British Columbia

Sept 2017 - Present

Certificates

Machine Learning I
Kaggle (2020)

Machine Learning II
Kaggle (2020)

See more at harman-brar.github.io

