# Aghilan Nathan

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## TECHNICAL SKILLS

- Python
- Flask
- PostgreSQL
- HTML and CSS
- JavaScript (ES6)
- React
- Git and GitHub
- TypeScript
- VS Code

## EDUCATION

**The University of British Columbia – UBC Sauder School of Business**          **Vancouver, BC**
*BCom - Bachelor of Commerce and Computer Science GPA (3.95 / 4.33)*          *Graduating May 2025*
● Data Structures and Algorithms, Object-Oriented Programming

## WORK EXPERIENCE

**Aghilan's Tutoring**          **Vancouver, BC**
*Private Tutor*          *Sept 2020 - Present*

- Worked one-on-one with students seeking assistance in multiple learning areas such as Math, Physics, Humanities
- Frequently teach Introduction to Programming courses in Python and Racket
- Developed and implemented comprehensive lesson plans that accommodated specific learners depending on level
- Average improvement of 23% per student in Physics, 20% in Math, and 18% in Computer Science respectively

## PERSONAL PROJECTS

**LeetCode Progress Visualizer – nwHacks2022**          **Vancouver, BC**
*React, TypeScript, Tailwind CSS*          *January 2022*
- Created responsive web-based UI leveraging data visualization to display proficiency in different algorithmic patterns
- Optimized components to work seamlessly across different browsers and screen sizes.
- Utilized LeetCode GraphQL endpoint to automatically fetch data and update UI

**Split Fare**          **Vancouver, BC**
*Python, Flask, HTML/CSS, SQLite3, Heroku*          *December 2021*
- Created CRUD application to connect UBC students going to the same location to split expenses.
- Implemented user registration and login; stored passwords are encrypted using the Bcrypt module.
- Added ability to edit both posts and account information, e.g., updating your profile picture and forgot password.
- Deployed on Heroku via a GitHub repository allowing for continuous integration/deployment with each push.

**Interests:** Stoicism, Chinese Philosophy (Confucius and Lao Tzu), Poetry and Canadian Personal Finance.