

Mitchell L. Dang

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EXPERIENCE

Frontend Developer Internship, KyFlex

January 3 – Present

- Attend agile development cycle. Design intuitive UI/UX.
- Utilize React.js to develop features for booking system and payment that communicate with the backend written in Django.
- Report bugs and collaborate with the backend team to fix them.
- Technologies: Git, Stripe, React.js, HTML, Sass, Photoshop, Figma, APIs, Google Cloud Platform, Python.

Web developer & event coordinator, University of Washington Bothell chapter of ACM

March 2020 – Present

- Maintain and develop website for club events. Technologies: Git, HTML, XML, CSS, JavaScript, Bootstrap 4.5, Git.
- Co-host UWB ACM – Allen Institute for Brain Science programming contest UWBCode 2020 on HackerRank with 100+ contestants from colleges in the Pacific Northwest.

Self-employed, Freelancing Tutor

Summer 2019

- Math and programming tutor for middle school students.

EDUCATION

University of Washington Bothell

September 2019 – April 2021 (expected)

- Bachelor of Science in Computer Science & Software Engineering
- Dean's list 3x.

Cascadia College

Class of 2019

- Associate Degree in Integrated Studies, President's Honor Graduate.

PROJECTS

Generating Hints for Programming Problems Without a Solution, ACM SIGCSE 2021 Paper

Jan 2020 – Sep 2020

- Focused on training a model to learn and solve coding problems by utilizing BERT. The model generated for problems on LeetCode and HackerRank has the accuracy up to 75%. The paper is accepted by ACM SIGCSE 2021.

MyGuru

December 2020

- Created a simple application hosted on Azure allowing users to retrieve weather data and fun facts in a specific location imported from its web interface. Data for the application is fetched from OpenWeather, Wikipedia using provided APIs. Technology: Azure, C#, APIs.

Leet Programming, Stepik course

December 2019 – Summer 2020

- Prepared lessons for Leet Programming, an algorithm course on Stepik with 140+ learners to enhance computer science education led by UWB Prof. Yusuf Pisan.

Complete Bus System (CBS)

January 2020

- Created a scalable relational database for public transportation hosted on AWS. CBS supports transit companies in managing employees and routes. Technologies: Python, T-SQL, Git, AWS Beanstalk.

The Rubic Shoes

Honored in Embedded System, Vietnam Science & Engineering Fair 2016

- Created smart shoes to resolve visual impairment-related issues. Improved user's motion by at least 5% by utilizing echolocation technology. The shoes send out warning sounds and vibration for possible obstacles within 12 feet, effective angle +/- 15 degree. Technologies: C, ultrasonic sensors, Arduino.

SKILLS/CERTIFICATES

- **Other skills:** HTML/XML, SQL, C/C++, C#/.NET, AWS S3, MongoDB, Java, Google Apps Script, Agile, Linux, Windows, Git, problem solving, critical thinking, unit testing
- **Certificates:** Machine Learning by Stanford University (Coursera), LinkedIn skill assessment for C, Git.