Grace Kang

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Skills Summary

Languages: Python, C#, C++, C, JavaScript, SQL

Libraries & Frameworks: ASP.NET, jQuery, React.js, Node.js, Express.js

Work Experience

Software Engineering Intern – Wish

Jan 2020 – April 2020 • San Francisco

Python, JavaScript, React.js, MongoDB, Hive

- Working as a full-stack engineering intern on the **Product Payments** team at Wish. Tasks include:
    - Different customer support related experiments (e.g. an experiment to launch shipping only refunds in Wish's customer support chatbot in GB, EU and CA)
    - Backend payment tasks (e.g. a cron to auto-generate users with different payment service providers for automated testing purposes).

Technology Analyst Intern – Scotiabank

May 2019 – Aug 2019 • Toronto

ASP.NET, C#, JavaScript + jQuery, SQL

- Worked as a **full-stack web developer** and created various web services for the trade floor while taking **full ownership** of their development. Examples of projects include:

  MyBCP
    - **ASP.NET** Web Form that auto-generates a summarized **B**usiness **C**ontinuity **P**lan, personalized to an employee specified through query string, or detected through Windows Authentication.
    - Generated as a PDF, in HTML or as an HTML email, by condensing data retrieved from multiple **Microsoft Access** tables.
    - Highly mobile-scalable, with separate mobile, tablet and laptop layouts.
    - Projected for use by **thousands of employees** as a business preparation tool.

  User-Matrix
    - **JavaScript library** for creating highly customizable batch-edit modals of employees against another field, to be used in existing and future web services created by other team members.

Projects

EcoStore (Backend)

Fall 2019 • HackTheNorth

Node.js, Express.js, MongoDB, Microsoft Azure

- Created an iOS application called **EcoStore,** at Hack the North, that encourages recycling by allowing user to "restore" different endangered species within the app if a certain recycling quota is met.
- Used an image recognition model (with **95% accuracy** and trained with **Microsoft Azure),** to determine if an item is recyclable.
- Built **RESTful API** & backend with **Node.js/Express.js**, alongside **MongoDB**, for logging in and saving user progress.

Education

Bachelor of Computer Science

Sept 2018 – June 2023 • University of Waterloo

- **Cumulative GPA**: 92.73