

MISHA WARD

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TECHNICAL SKILLS

Programming: Java, Python, C++, SQL, C#

Operating Systems: Linux, Windows, Unix

Cloud Services: AWS - S3, DynamoDB, EC2 | Azure - Cosmos DB, Blob Storage

Web Design: JSON, REST APIs, HTML, CSS, JavaScript

EDUCATION

University of Washington | Bothell, WA

Bachelors of Science, Computer Science - June 2019 3.64/4.0 GPA

Bachelors of Arts, Business Administration, Finance - December 2013 3.74/4.0 GPA

- Graduated Cum Laude, Dean's List, Annual Dean's List
- Elected Chair of the Student Technology Fee Committee tasked with allocating \$400,000 of student fees

RELEVANT WORK EXPERIENCE

Mobile Software Engineer Intern, T-Mobile

October 2018 - June 2019

iOS Development for the T-Mobile Tuesday App

- Updated frontend features on the T-Mobile Tuesdays iOS app using Swift enhancing end user experience
- Created an iOS application, utilizing OO principles and internal login APIs for future A/B testing playground
- Used and worked in collaborative environment using Agile/Scrum methodology
- Refactored code weekly in order to make algorithms more efficient and reduce technical debt
- Utilized BitBucket to add software updates to the main code source each week
- Research various topics including A/B testing and architectures for mobile apps (Viper, MVC)
- Independently developed from designs functional and dynamic user module on internal website by using HTML/CSS and JavaScript (jQuery)

ACADEMIC PROJECTS

Quiz Application, Cloud Computing

Fall 2018

- Built a C# full stack app for users to play a quiz game with a group of 3 for people to use online
- Implemented the front end layer using Javascript/ASP.NET framework providing a dynamic user experience
- Developed C# service layer that fetched, inserted data into database, and retrieved quiz API data for users
- Stored user data, such as login credentials and quiz scores, in DynamoDB allowing for quick access to info
- Developed custom REST API to display user's quiz results to users
- Presented final quiz application to class detailing website architecture (MVC + cloud products used)

Weather Application, Cloud Computing

Fall 2018

Java application retrieving 3rd party API data to format and display for users

- Created server that made HTTP requests to fetch weather data given a city parameter
- Converted data from JSON to custom Java model and displayed formatted data to user
- Tested and debugged various edge cases to ensure proper user input and output

Wine Classification, Machine Learning

Summer 2018

Classified wine using Python into three categories using 10 machine learning algorithms

- Researched and tested machine learning techniques on the UC Irvine Red Wine Dataset
- Models included K-Nearest Neighbor, Logistic Regression, and Neural Networks
- Average accuracy after 10-fold cross validation reached 99.3% using three classification labels
- Wrote and presented final report to class describing algorithms, research methodology, and results

Fun fact: I make a mean bowl of Kraft original Mac N Cheese!