MISHA WARD

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TECHNICAL SKILLS

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

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**
- Programmed 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
- Included various models including K-Nearest Neighbor, Logistic Regression, and Neural Networks
- Calculated 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

ADDITIONAL EXPERIENCE

Procurement Financial Analyst II, Boeing   **October 2015 - May 2017**
Treasury Analyst, Amazon.com   **December 2013 - October 2015**

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