BRAD NISSEN

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Technical Skills

- ➢ *Programming Languages:* Java, JavaScript, PHP, SQL, HTML/CSS *Familiar with:* C#, Python
- ➢ *DevOps:* Microsoft Azure, Google Cloud Platform, serverless, agile development
- ➢ *Tools/Technologies:* Git/version control, end-to-end testing, RESTful web services, Android development
- ➢ *Coursework/Focus Areas:* Web development, mobile development, cloud computing (SaaS), algorithms and data structures, computer science fundamentals, Software Development Life Cycle, Intro to Software Engineering

Software Projects

Cloud Practicum   *January 2019 – March 2019*

Divided into teams to design and build an admin portal (web application), which is hosted on Azure. On the backend development team, we are creating a REST-style CRUD API, using C# on the .NET platform with Azure's serverless functions. I am learning the importance about cloud security, API design, cross-communications between teams, and gaining a great understanding of serverless computing.

Mobile Practicum   *September 2018 – December 2018*

Real-time stock market trading application to follow market trends in intervals of five minutes. As a team of four, we developed the app in Java to the customer needs, and specifications. Gained experience creating timer triggers in a serverless function to make HTTP request using Node.js. This function solved the problem by synchronizing updated stocks to the users.

Mobile Final Project   *May 2018 – June 2018*

Android application to give travelers an idea of what to tip for varied services (e.g. taxi rides, restaurants, haircuts). This was a group project for our mobile app course. I gained a better understanding of NoSQL databases, layouts, fragments, end-to-end testing, continuous integration, and how to collaborate with others using git and GitHub.

Brewery Finder   *January 2018 – March 2018*

Brewery Finder was a fun final project to locate any brewery in the world. Building this data driven website was a great learning experience to build a better understanding of how to connect different APIs. I used PHP as the backend and a SQL database, which enabled the user to have a favorite list of breweries they want to visit.

Ray's Cash-out   *June 2017*

Desktop application built in Java to calculate tip outs for support staff at Ray's Café. Designed and built in my free time to automate a nightly process that reduced labor costs by an hour a day.

Education

Bachelor of Applied Science, *Application Development,* North Seattle College   **Seattle, WA**
Honors: President's List **GPA:** 3.98/4.00   *June 2019*

Algorithms and Data Structures, University of Washington   **Bellevue, WA**
UW Professional & Continuing Education   *March 2019*

Experience

Computer Science and IT Tutor, North Seattle College   *September 2018 – Present*

Aid 15 to 20 students per quarter, part-time, by tailoring study strategies to help teach computer programming fundamentals. I design creative and fun coding exercises to help reinforce learning and build new programming skills. Languages tutored are JavaScript, SQL, and Java.

Help Desk, North Seattle College   *September 2017 – June 2018*

Provided support to end users by phone, email, or on-site. Created and recovered Active Directory accounts for campus-wide groups, faculty, and students. Diagnosed and fixed computer-related/information technology issues relating to computer systems, software, and hardware.

Server, Ray's Boathouse and Café   *April 2011 – September 2018*

Applied quality customer service to maintain repeat guests. Ensured that food and beverage products were made and/or presented in a timely and professional manner. Prioritized guests' needs by communicating effectively so they always had an enjoyable experience. I trained 50+ employees for various roles in the restaurant.