

### **B.S. Computer Science**

University of Washington – Seattle, WA  
Graduated: July 2021  
GPA: 3.76

### **A.S. Associate in Science Transfer**

Shoreline Community College – Shoreline, WA  
Graduated: June 2019  
GPA: 3.95

#### **Coursework:**

- Machine Learning
- Introduction to Artificial Intelligence
- Data Structures
- Computer Security
- Introduction to Operating Systems

#### **Skills:**

- Python
- C/C++
- Java
- SQL
- JavaScript (ReactJS)
- C# .Net
- Power BI

### **WORK EXPERIENCE**

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#### **Software Data Operations Engineer** | *MAQ Software*

August 2021 – Present

- Maintain product backlog along with technical functions inside *Azure DevOps*
- Ensure end-to-end handoff with automated pipelines on *Azure DevOps*
- Manage and coordinate a team of 6 across different time zones.
- Created dashboards and developed operational reports for effective business decision making with *PowerBI*
- Analyzed solutions for initiative projects to improve business experience
- Lead a team of 3 on creating a more user-friendly interface for *PowerBI* reports through a *C# .NET* web app

#### **Teaching Assistant** | *University of Washington*

January 2021 – July 2021

- TA for 2 classes: *CSE 351: Hardware/Software Interface* and *CSE 331: Software Design & Implementation*
- Prepared section PowerPoint slides and helped in setting up assignments
- Held office hours and answered student questions on the discussion board
- Led weekly quiz sections of about 20-30 students

#### **Web Developer Volunteer** | *noDokter.com*

November 2020 – March 2021

- Increased the *Google Analytics* compliance score of the *noDokter* website from 7% to 32% by refactoring code.
- Developed a custom *WordPress* plugin to count user traffic for the website to be analyzed.
- Created a custom *CSS* to be integrated into an existing plugin to customize the feedback forms.

### **PROGRAMMING PROJECTS**

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#### **Starry Bird: Neural Style Transfer**

March - July 2021

- Created a Neural Style Transfer program utilizing the *VGG-19* Neural Network Model
- Implemented - with teammates - an algorithm to converge 2 *VGG-19* models together to create the NST effect
- Worked on creating a web interface as well as a working demo to showcase NST on user-provided images
- Constructed a server hosted on *Google Colab* to enable REST API calls for the demo with *Flask* and *ngrok*

#### **xk-OS**

January – March 2021

- Primitive Operating System designed to mimic early UNIX systems made with *C*.
- Implemented creation of file systems, inter-process communications and multi-processing
- Created a working shell as the user interface allowing basic commands such as *exec*.
- Implemented file corruption prevention in crashes by implementing swap spaces.