**Sesario Hiroyuki Imanputra**(206) 816-5791 [sesario.hiroyuki99@gmail.com](mailto:sesario.hiroyuki99@gmail.com) sesari99.github.io/Resume Seattle, WA

**Personal Interests**

Graduate computer science and software engineering student with experience in backend engineering and specialization in scaling enterprise systems. Although my work consists of backend engineering, I take joy in undertaking multimedia projects during my leisure time, such as music production. Currently, I am pursuing positions that expand my skill set, with the overall goal of personal and professional growth.

**Education**

**University of Washington Bothell (UWB) September 2018 - December 2020**

Bachelor of Science in Computer Science and Software Engineering

Dean’s List: Spring 2019

**Shoreline Community College (SCC) June 2016 - June 2018**

Associates of Arts in Computer Science

Honors List: Winter 2018

President’s List: September 2016

Phi Theta Kappa Honor Society Member 2016

**Skills** (in order of experience)

**Languages:** Java, C++, SQL, JavaScript, C#, Assembly (68k), HTML, CSS, R, Python

**Systems:** Windows, Linux (CentOs, Amazon, Rhel), Ubuntu

**Server-Side:** NodeJS, REST API, Flask, .NET

**Deployment/Testing:** AWS, Jmeter, Postman, Jenkins

**Others:** Github, Unity, JIRA, Agile, Excel

**Project s**

**AWS Flask Web Service**

* The service is built using Flask, a Python micro web framework, to load, query, and clear data to DynamoDB. Deployed as a container using elastic beanstalk, the web service uses S3 to log the history of sent data.

**Java Web Crawler Application**

* The application repetitively visits new web pages given a starting URL and number of hops. To visit new pages, the application scans for a new URL referenced by href tags in a HTML form.

**Work Experience**

**Educating Young Eyes Center | Back-End Engineer January 2020 – December 2020**

* Created back-end applications and RESTful services using NodeJs, Express, Swagger and MySQL to store, manipulate, and display patient data
* Deployed back-end applications using AWS EC2 and RDS and achieved 99.999% uptime by using Jmeter, Jenkins, and Postman for load, and stress testing.
* Redesigned API calls to achieve 3000 calls per second with an average response time below 200ms by implementing paging and asynchronous methods.
* Secured the integrity of data by creating data recovery procedures and encryption in transit using nginx.
* Documented software architecture in sandbox environment and AWS guidelines for launching services.

**Accenture | Analyst Internship July 2019 – September 2019**

* Assessed defects for a banking system and used JIRA to monitor progress of defects.
* Increased the catalogue of defects by 15% by discovering new defects across all testing stages.
* Visualized data obtained from JIRA in the form of a daily report to the internal team.
* Served as a liaison between engineering team and QA team in a live production environment.

**Student** **Activities**

**Red Cross Club, Vice President, 2018**

Co-founded the club, supervised administrative social media work, and designed all public relations material, which expanded membership from 5 to 45 members.

**Northwest United Nations, Delegate, 2017**

Practiced diplomatic and leadership skills as a delegate of Sweden in General Assembly.

**World Scholars Cup, Participant, 2015**

Developed critical thinking and resilience through rapid debates from regional through Yale championship round.