

Sesario Hiroyuki Imanputra

B.S. Computer Science and Software Engineering

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sesari99.github.io/Resume

Seattle, WA

Personal Interest

Graduate computer science and software engineering student with expertise in backend engineering and specialization in scaling enterprise systems. Currently pursuing positions that expand my skill set in companies.

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
Deployment/Testing:	AWS, Jmeter, Postman, Jenkins
Others:	Github, Unity, JIRA, Agile, Excel

Work Experience and Projects

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.