

Matthew Brian Darmadi

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EDUCATION

Bachelor of Science in Computer Science, Seattle University
Associates of Science in Computer Science, North Seattle College

December 2020

July 2018

PROFICIENT SKILLS

- **Languages:** Java, C++, C#, Python
- **Database & Cloud:** Docker, PostgreSQL, AWS
- **Python ML Libraries:** Pandas, Matplotlib, NumPy, Keras
- **Project Management:** Scrum, Agile, Git

PROFESSIONAL EXPERIENCE

F5 NETWORKS, Seattle

Student Software Developer, Oct 2019 – June 2020

- Built a Quality Pain Index (QPI) model; the model ranks bugs based on severity to the specific version of the internal F5 tool. This was done by mapping Bugzilla logs and hardware data.
- Developed an in-house string-matching algorithm with Term Frequency-Inverse Document Frequency.
- Developed a repository model for the QPI model to funnel and store pre-processed data to a PostgreSQL Database.

Skill Learned: Term Frequency-Inverse Document Frequency (tf-idf), Vector Space Modelling, Jira, and Bugzilla.

PT. PRATAMA CIPTA LESTARINDO, Jakarta

Junior Back-End Developer, August 2019 – September 2019

- Improved future I.T. member's onboarding process by writing and updating manuals for the company's security tools.
- Shadowed a senior developer; Wrote unit testing for company's security tools.

Skill Learned: Unit testing for C++.

INSPIRA, Jakarta

Back-End Designer, July 2018 – August 2018

- Designed wireframe for mobile app according to client's specifications. Provided advice on the client's design.
- Created and updated Content Management System (CMS) for both old and newly developed applications; Averting bottlenecks in the I.T. team's productivity.

Skill Learned: Content Management System (CMS), Wireframe Design with Pencil Project.

ACTIVITIES

- **Vice President, Computer Science Club, North Seattle College**
Co-founded the Computer Science Club, and oversaw all events and projects done within the club.
- **Debate Club, Indonesia**
In High School was in a parliamentary Debate Club with a team and competed in regional debate competitions.
- **2018 Impactathon Winner, Seattle University**
With a team presented a solution that benefits the local Seattle University community.
- **VIP Escort and Translator, Indonesia**
Oversaw translation, interview, and escort for international guest speakers from Europe and United States during World Reformed Fellowship 2019.

ADDITIONAL SKILLS

Computing Systems: OS, multithreading, client-server networking programs, Security in Computing, Distributed Systems.

Front-end: CSS, HTML, JavaScript, Ruby