

# Matthew Brian Darmadi

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## EDUCATION

**DECEMBER 2020**

**B.S. IN COMPUTER SCIENCE, SEATTLE UNIVERSITY**

**JULY 2018**

**ASSOCIATES OF SCIENCE, NORTH SEATTLE COLLEGE**

## PROFICIENT SKILLS

- **Languages**  
Java, C++, C#, CSS, HTML, JavaScript, Python, Ruby
- **Database Management & Cloud – Based Tools**  
MySQL, PostgreSQL, Docker, AWS
- **Soft Skills**  
Public Speaking (top 15 speaker in regional debate), Management (Computer Science club Vice Pres.)
- **Information Retrieval & Machine Learning**  
tf-idf, vector space modeling, Python ML libraries (Pandas, Matplotlib, Numpy, Keras, etc.)
- **Computing Systems**  
OS, multithreading, client-server networking programs, Security in Computing, Distributed Systems.
- **Project Management skills**  
Scrum, Agile, CI/CD workflow, CMS & Wireframe Design.

## PROJECTS

**OCT 2019 – JUN 2020**

**SENIOR CAPSTONE PROJECT, GROUP PROJECT FOR F5 NETWORKS**

- Our focus was on designing a machine learning model to predict version upgrade success chances by mapping logs and hardware data. We achieved this goal by implementing Term Frequency-Inverse Document Frequency (tf-idf), Information Retrieval, and Vector Space Modelling techniques. This was a four-man project; we implemented CI/CD perfectly.
- We also developed a repository model as well to funnel and store the extracted data from its raw file to a PostgreSQL database. From the landing stage we then feed it into our machine learning model.

## WORK EXPERIENCE

**July/23/2018 – August/23/2018**

**BACK-END DESIGNER, INSPIRA**

- INSPIRA is an app development company based in Jakarta, Indonesia.
- Designed wireframe according to client's visual specifications. Provided consulting on how to better the design.
- Created and updated Content Management System (CMS) for both old and newly developed applications. Averting bottlenecks in I.T. team's productivity.

**August/2/2019 – September/4/2019**

**JUNIOR BACK-END DEVELOPER, PT. PRATAMA CIPTA LESTARINDO**

- Pratama Cipta Lestarindo is a point of sale and security specialist based in Jakarta, Indonesia.
- Worked on writing a manual and documentation on an existing compiler. Helping future employees understand the program much quicker.
- Shadowed a senior developer; worked on cleaning bugs in compiler level.

## ACTIVITIES

- **Debate Club,**  
In High School was in a parliamentary Debate Club with a team and competed in regional debate competitions.
- **Vice President, Computer Science Club**  
In North Seattle College co-founded the Computer Science Club and was in charge of all events and projects done within the club.
- **Coding Competition**  
Winners of the SeattleU 2018 Impact-athon.
- **Performance / Public Speaking**  
Was in Jakarta Oratorio Society Youth Choir where we performed in the Aula Simfonia Jakarta concerts. Also frequently performed with a band for Indonesian events held in Seattle.
- **VIP Escort and Translator**  
In charge of the VIPs and Speakers for the World Reformed Fellowship (WRF) 2019, in charge of interviews and media coverage during WRF2019.