

TU V. T. TRAN

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EDUCATION

Temple University, College of Science and Technology

Philadelphia, PA

Bachelor of Science in Mathematics and Computer Science

Expected graduation: May 2019

- **GPA:** 3.68/4.0 – **Major GPA:** 3.91/4.0, Presidential Scholar, Fall 2016 Dean's List
- **Coursework:** Machine Learning, Data Structures, Computer Systems and OS, Discrete Mathematics, Program Design and Abstraction, Linear Algebra, Probability Theory, Multivariable Calculus

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, C/C++, MATLAB, HTML & CSS

Technology: NodeJS, ReactJS, Django, Flask, Git, Linux, NoSQL, SQL, Docker, Scikit-Learn, Pandas

Projects:

- **PopMap.** *Winner of Best Software Project, Hoya Hacks, Georgetown University (2016).* Developed a website using Google APIs (Maps, Places and Directions), Open Street Map dataset and k-means clustering algorithm to help users get from A to B in the most satisfactory route.

TECHNOLOGY EXPERIENCE

Technical Intern

The Brandery

Summer 2017

- Developed a server in Flask as the backend of the internal application to keep track of participating startups' weekly key performance indicators
- Built a recommender system to suggest news articles for users based on their interests using TF-IDF
- Worked on a classification model using different methods (Multilayer Perceptron, Naive Bayes and Random Forest) to suggest the best line of customized product for a user

Software Engineer Intern

Chopp

Summer 2016

- Created an admin dashboard in ReactJS and ExpressJS to manage and allocate human resources
- Created a bot prototype with Botkit (powered by NodeJS) for the company's Facebook page
- Worked with MongoDB to pull data for weekly analytics

Core Member, Developer

Grokking Vietnam

Summer 2016

- Worked in a team of 7 to host monthly high-quality tech talks on various topics including database, Elasticsearch, machine learning, big data... for software engineers in Vietnam
- Developed a Slack bot to pull job postings from Github and post to the group every week

Co-founder, Event Organizer, Mentor

Coders, Vietnam

Summer 2015

- Founded the project to bring more Vietnamese high school students, into programming
- Organized multiple workshops and instructed students with HTML/CSS, JavaScript and Python

OTHER ACTIVITIES

- Events hosting and mentoring (Grokking Vietnam, Coders, Temple ACM)