

# TU V. T. TRAN

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## EDUCATION

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**Temple University, College of Science and Technology** *Philadelphia, PA*  
*Bachelor of Science in Mathematics and Computer Science* *Expected graduation: May 2019*

- **GPA:** 3.66/4.0 – **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

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**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

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<b>Technical Intern</b>	<b>The Brandery</b>	<i>Summer 2017</i>
<ul style="list-style-type: none"><li>• Developed a server in Flask as the backend of the internal application to keep track of participating startups' weekly key performance indicators</li><li>• Built a recommender system to suggest news articles for users based on their interests using tfidf and some concepts of reinforcement learning</li><li>• 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</li></ul>		
<b>Software Engineer Intern</b>	<b>Chopp</b>	<i>Summer 2016</i>
<ul style="list-style-type: none"><li>• Created an admin dashboard in ReactJS and ExpressJS to manage and allocate human resources</li><li>• Created a bot prototype with Botkit (powered by NodeJS) for the company's Facebook page</li><li>• Worked with MongoDB to pull data for weekly analytics</li></ul>		
<b>Core Member, Developer</b>	<b>Grokking Vietnam</b>	<i>Summer 2016</i>
<ul style="list-style-type: none"><li>• 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</li><li>• Developed a Slack bot to pull job postings from Github and post to the group every week</li></ul>		
<b>Co-founder, Event Organizer, Mentor</b>	<b>Coders, Vietnam</b>	<i>Summer 2015</i>
<ul style="list-style-type: none"><li>• Founded the project to bring more Vietnamese high school students, into programming</li><li>• Organized multiple workshops and instructed students with HTML/CSS, JavaScript and Python</li></ul>		

## OTHER ACTIVITIES

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