

TU V. T. TRAN

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EDUCATION

Temple University, College of Science and Technology	<i>Philadelphia, PA</i>
<i>Bachelor of Science in Mathematics and Computer Science</i>	<i>Expected graduation: May 2019</i>
<ul style="list-style-type: none">• Major GPA: 3.91/4.0, Presidential Scholar, College Honors Program, Fall 2016 Dean's List• Relevant Courses: Software Design, Machine Learning, Data Structures and Algorithms, Computer and Operating Systems, Discrete Mathematics, Linear Algebra, Probability Theory, Calculus	

WORK EXPERIENCE

Teaching Assistant	Temple University	<i>August 2017 - Present</i>
<ul style="list-style-type: none">• Lead weekly recitation lectures for over 30 students enrolled in CIS 1166 – Mathematics Concepts in Computing I• Hold weekly office hours, revise in-class concepts and explain problems to help students understand the materials• Facilitate faculty in grading homework submissions and exams		
Technical Intern	The Brandery	<i>Summer 2017</i>
<ul style="list-style-type: none">• 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	<i>Summer 2016</i>
<ul style="list-style-type: none">• 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	<i>Summer 2016</i>
<ul style="list-style-type: none">• 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		

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, C, Standard ML, MATLAB, HTML & CSS
Technology: NodeJS, ReactJS, Django, Flask, Git, Linux, NoSQL, SQL, Docker, Scikit-Learn, Numpy, Pandas
Softwares: IntelliJ IDEA, GitHub, Bitbucket, Sublime Text, Vim, Visual Studio Code
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.