

# TU V. TRAN

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## WORK EXPERIENCE

<b>Software Engineer Intern</b>	<b>HubSpot</b>	<i>Summer 2018</i>
<ul style="list-style-type: none"><li>Working on the Data Infrastructure – Big Data team</li><li>Developed REST APIs interface in <b>Java</b>, <b>Dropwizard</b> and <b>MySQL</b> for developers to interact with <b>HBase</b> tables and clusters effortlessly</li><li>Worked on a “simple” client to simplify complicated method invocations to <b>Apache HBase</b></li><li>Fixed critical bugs on concurrency control, major compactions and “circuit breaker” for efficiency gains in <b>Apache HBase</b></li></ul>		
<b>Technical Intern</b>	<b>The Brandery</b>	<i>Summer 2017</i>
<ul style="list-style-type: none"><li>Developed a server in <b>Flask</b> to keep track of participating startups’ key performance indicators</li><li>Built a <b>recommender system</b> in <b>Python</b> to suggest news articles based on users’ interests</li><li>Worked on a <b>classification model</b> in <b>Scikit-Learn</b> to help suggest best personalized product</li></ul>		
<b>Teaching Assistant</b>	<b>Temple University</b>	<i>August 2017 – May 2017</i>
<ul style="list-style-type: none"><li>Lead weekly recitation lectures for over 30 students enrolled in CIS 1166 – Discrete Math I</li><li>Hold office hours, revise concepts and explain problems to help students understand the materials</li><li>Facilitate faculty in grading homework submissions and exams</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 <b>ReactJS</b> and <b>ExpressJS</b> to manage and allocate human resources</li><li>Created a bot prototype with <b>Botkit</b> (powered by <b>NodeJS</b>) for the company’s Facebook page</li><li>Worked with <b>MongoDB</b> to pull data for weekly analytics</li></ul>		

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C, C++, JavaScript, Clojure, Bash, Matlab

**Technologies:** NodeJS, Django, Git, Linux, SQL, Apache HBase, Dropwizard, Guice

## AWARDS

- Best P&G Software Project** at AngelHack Cincinnati 2017
- Best Software Project** at HoyaHacks 2016, Georgetown University
- First Prize** at Startup Weekend Ho Chi Minh City 2016
- Presidential Scholar** at Temple University for outstanding incoming freshman

## WORK EXPERIENCE

<b>Temple University, College of Science and Technology</b>	<i>Philadelphia, PA</i>
<i>Bachelor of Science in Mathematics and Computer Science</i>	<i>Expected graduation: May 2019</i>
<b>Relevant Courses:</b> Distributed Systems, Software Design, Machine Learning, Algorithms, Operating Systems, Data Science	