TU V. TRAN

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WORK EXPERIENCE

HubSpot   June – August 2018   **Cambridge, MA**
Software Engineer Intern – Java 8, MySQL, Apache HBase, AWS

- Fixed critical bugs on concurrency control, major compactions and fast fail interceptor in Apache HBase, which is responsible for over 600 TBs of data and over 3 billion requests/second at HubSpot
- Developed a REST APIs interface with Java, Dropwizard and MySQL for over 500 software engineers to interact with HBase tables and clusters effortlessly
- Built a client in Java to simplify and standardize complicated HBase operations for HubSpot engineers

The Brandery   May – August 2017   **Cincinnati, OH**
Technical Intern – Python, Scikit-Learn, Flask, NumPy, Node, Docker

- Developed a backend system in Flask to monitor participating startups' key performance indicators
- Built a recommender engine in Python and Node to suggest content based on users' interests
- Designed a classification model in Scikit-Learn to suggest best personalized products

Temple University   August 2017 – May 2018   **Philadelphia, PA**
Teaching Assistant

- Led weekly recitation sessions for over 60 students enrolled in CIS 1166 – Discrete Math I
- Held office hours, revised concepts and explained problems to help students understand materials
- Facilitated faculty in grading homework submissions and exams

Chopp.vn   May – July 2016   **Ho Chi Minh City, Vietnam**
Software Engineer Intern – JavaScript ES6, React, Node, Express, MongoDB, Docker

- Built an admin dashboard in React and Express to manage and allocate human resources
- Developed a chatbot prototype in Node for the company's Facebook page
- Wrote scripts in Node to pull weekly analytics from MongoDB databases

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++, JavaScript, Bash, Matlab, HTML, CSS
Technologies: Apache HBase, Node, Django, Git, Linux, SQL, NoSQL, Dropwizard, React, Docker

EDUCATION

Temple University   **Philadelphia, PA**
B.S. in Mathematics and Computer Science   *Expected graduation: May 2019*

- **GPA:** 3.63/4.0
- **Major GPA:** 3.76/4.0
- **Relevant Courses:** Distributed Systems, Software Design, Machine Learning, Algorithms, Computer Architecture, Operating Systems, Data Science, Numerical Analysis, Probability Theory, Linear Algebra

AWARDS

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