

EDUCATION**Texas A&M University***Dwight Look College of Engineering**Bachelor of Science in Computer Engineering**May 2019**College Station, TX**GPA: 3.637/4.0***EXPERIENCE****JPMorgan Chase & Co.***June 2018 – August 2018*

Software Engineering Intern

Dallas, TX

- Collaborated with Chase.com UI development team
- Developed local dynamic testing environment for Chase.com UI and backend services
- Project will save the firm \$500,000/year lost in productivity during UI development and testing
- Developed using Java, Maven, Swagger, Groovy, Spring Boot

JPMorgan Chase & Co.*June 2017 – August 2017*

Software Engineering Intern

Dallas, TX

- Developed automated functional testing framework for internal middleware application
- Fully integrated testing framework into build pipeline
- Developed using Java, Selenium WebDriver, Cucumber

TAMUHack*July 2018 – July 2019*

Director

College Station, TX

- Organizing the largest annual hackathon at Texas A&M University
- Working with organizer team to host 600 students and over 20 companies
- Collaborating with development team to build tamuhack.com

Texas A&M University – Department of Mathematics*January 2017 – January 2018*

Undergraduate Teaching Assistant

College Station, TX

Courses: Calculus I & II (Engineering Math I & II) and Functions, Trigonometry, & Linear Systems

SKILLS**Languages (experienced):** Python, Swift, Java, C++, HTML, CSS**Languages (familiar/worked with):** Javascript, Groovy, ARMv8 Assembly, MATLAB, Verilog**Tools:** gRPC, Xcode, Git, CocoaPods, Bootstrap, Flask, Heroku, ReactJS, Selenium WebDriver**Coursework:** Data Structures & Algorithms, Artificial Intelligence, Digital Systems Design, Computer Architecture (ARMv8), Operating Systems, Electrical Circuit Theory, Microcomputer Systems, Information Storage & Retrieval, Distributed Systems**PROJECTS**

Losing Wait – Smart IoT Gym – Senior Design iOS Project

- iOS App built with Swift that communicates with IoT devices to show gym machine status on map and allow queueing
- Provides complete workout experience with workout library, gym map, and status of machines

Nicely – HackTX 2016 Project – Top 10 Finalist

- Web app that analyzes a user's tweets and obtains sentiment data
- Uses data to suggest future behavior on social media, the ideal time to post, and promote positivity online
- Built with Python, Flask, JavaScript, Twitter API, IBM Watson, HTML, CSS, Bootstrap

Foosball Table with Computer Vision Ball Tracking and LEDs

- Mini foosball table with mounted birds-eye camera and LED grid as base, LEDs light up beneath ball while playing
- Built with Raspberry Pi, Python, OpenCV

SenatorMatch – HackUTD 2017 Project

- Web app that allows users to vote on real bills presented in Congress and compare their votes to their senators
- Built with Python, Flask, ProPublica Congress API, HTML, CSS, Bootstrap

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Society of Asian Scientists and Engineers at Texas A&M University (SASE TAMU)

- Position held: Marketing Committee Member, 2015-2016

Texas A&M Computing Society – ACM & IEEE-CS (2015-present)

- Member of organization for computer science/engineering students

AWARDS & CONFERENCES

Grace Hopper Conference – Celebration of Women in Computing – Texas A&M CSE Department Scholarship – 2018

ACM Richard Tapia Conference – Celebration of Diversity in Computing – Texas A&M CSE Department Scholarship – 2018

Texas A&M University Engineering – Distinguished Student Award – Outstanding Academic Achievement – 2017-2018

Dwight Look College of Engineering Scholarship Recipient – 2015-2018

Department of Computer Science and Engineering – Industrial Affiliate Program (IAP) Scholarship Recipient – 2016-2019