

## Jose J. Roque

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- Education** Bachelor of Science in Computer Engineering, Cum Laude May 2017 University of Texas at Arlington (UTA) GPA: 3.4
- Continuing Education:**  
Machine Learning, Stanford University (via Coursera.com), August 2017
- Courses** Operating Systems, Software Project Management, Computer Networks, Software Testing and Maintenance, Numerical Analysis, Software Engineering, Object-Oriented Programming, Linear Algebra for Computer Scientists
- Skills** **Programming:** proficiency in C/C++, Java & significant experience using HTML5, JavaScript, MATLAB, and Python  
**Software/Tools:** Agile Methodologies, Software Testing & Test Driven Development, Git Version Control, TCP/IP, REST, SQL/NoSQL, Continuous Integration/Continuous Deployment.  
**Operating Systems:** Android, Mac OSX, Linux
- Work** **Software Development Engineer Intern, Amazon Business**  
*Amazon.com Inc.* *Seattle, WA* 05/16 - 08/16
- Designed and built scalable system to handle Amazon Business Invoicing Account Updates using JSP, Java, and Spring Framework. All code tested using JUnit and deployed to production environment.
  - Devised system requirements and scoped out complications, both legal and technical, to provide robust customer facing system.
  - Built APIs for capturing data from internal services and leveraged Amazon Web Services (AWS).
  - Owned entire system end to end from designing, implementing, testing, and deploying to production.
- Select Projects**
- CLIP Life Inventory **Android** App using **Parse API**.
  - Image Classifier **Android** Application using **Tensorflow** and **Python**.
  - **iOS** and **Android** Employee App using **JavaScript**, **React Native Framework**, **Redux**, **Webpack**, and **Firebase**.
  - Society of Hispanic Professional Engineers' UTA Chapter official website using **CSS3**, **HTML5**, and **JavaScript**. [www.uta.edu/studentorgs/shpe/a/](http://www.uta.edu/studentorgs/shpe/a/)
  - Login System for the Society of Hispanic Professional Engineers' UTA Chapter using **Java** and **JavaFX**, **JDBC API**, and **SQLite**.
  - Email notifications full stack web application using **MongoDB**, **ExpressJS**, **NodeJS**, and **ReactJS** and **Stripe API**. <https://protected-basin-10181.herokuapp.com>
- Leadership** **Society of Hispanic Professional Engineers, UTA Chapter**  
*President* 05/16 - 05/17
- Led 12 engineering student officers in meeting chapter goals and gained recognition for our efforts.
  - Increased chapter's annual operating budget to \$8,000, more than double that of previous years, through an increase in company sponsorships and other fundraising efforts.
  - Better served the needs of our communities via STEM outreach programs and events having reached over 500 kids in the greater Dallas/Fort Worth area.
  - Increased paid membership by 60% to 40 members by adding value via helpful resources and compelling programs and events.
- Society of Hispanic Professional Engineers, UTA Chapter**  
*Webmaster* 05/15 - 05/16
- Built apps and tools to improve operating efficiency of the chapter including officer dashboard and login system.
  - Improved the chapters' professional image and presence on the web by redesigning and revamping its official website.
- Other:** IEEE Computing Society, Mobile Development Club, Association of Latino Professionals for America (ALPFA)
- Volunteer** Hispanic Heritage Foundation Code as a Second Language Teaching Assistant. 11/16  
Great Minds in Stem Viva Technology College Captain. 11/16 & 10/14

*Eligible to work in the U.S. without restrictions or sponsorship.*