

JAKE LELAND

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objective

Looking to apply academic and professional experience toward a summer 2017 software engineering job.

education

Texas A&M University, College Station, TX
Bachelor of Science in Computer Science, Minor in Business, 4.0 GPA 2014 – May 2018

- University Honors and Undergraduate Research Program
- Engineering Honors (Computer Science) Program

James W. Martin High School, Arlington, TX
Graduated Salutatorian, 4.7 weighted GPA 2010 – 2014

experience

Lockheed Martin Aeronautics, Fort Worth, TX
Software Systems Intern (Secret Clearance) 2016

- Explored various divisions of engineering and customer interaction within the defense sector.

Apex Capital Corp, Fort Worth, TX
Software Engineer Intern 2015

- Developed a web application for mapping client data and planning client visitation trips.
- Created plugins to improve internal issue tracking and repository management software.

Camp Thurman Summer Camp, Pantego, TX
Special Projects Manager, Videographer, Assistant Counselor, Counselor in Training 2010 – 2014

- Maintained camp network, security system, and audio equipment; worked with external vendors.

activities

Christian Engineering Leaders (CEL), Texas A&M University
Administrative Executive / Treasurer 2015 – 2016

- Facilitated internal logistics and communication; jointly responsible for the organization's finances.

Outreach Committee Member 2014 – 2015

- Planned both on and off-campus outreach and missions events.

Texas Aggie Computing Society (TACS), Texas A&M University
Student chapter of the Association of Computing Machinery (ACM) and the IEEE Computer Society 2014 – present

- Engaged in weekly meetings, presentations, and/or seminars.

honors

Continuing Scholarships 2014 – present

- President's Endowed Scholarship
- Warren Didion '55 Scholarship
- CS Departmental Scholarship
- Thomas J. Watson Memorial Scholarship

Dwight Look College of Engineering (Texas A&M) 2015

- Distinguished Student Award

College Board 2013 – 2014

- 2014 National AP Scholar
- 2013 & 2014 AP Scholar with Distinction

skills

Software Development
C++, Java, QT, OpenGL, C, Haskell, Assembly (x86)

- Professional experience with QT user-interface software and with cross-language codebase translation.
- Academic projects spanning computer architecture, operating systems, and application software.

Web / Web App Design
Javascript (AngularJS, Node.js/Express.js, jQuery), HTML, CSS, PHP, Google Maps API, REST

- Created web application used by Texas A&M students to access course data and plan their schedules.
- Developed front and back end of data visualization app; integrated with existing website and database.
- Designed and maintained personal website; used as a means by which to test new technologies.

Database Interaction
SQL, MongoDB, Cloudant, JDBC

- Worked on software interacting with both relational and non-relational (document-based) databases.
- Designed an application using a relational database management system with a custom DB language.

Agile Methodology
Git, Atlassian Suite (JIRA, Stash, SourceTree)

- Engaged in the agile development cycle, involving code review, and frequent team meetings.
- Contributed to large-scale collaborative projects utilizing Git and software tools such as Atlassian.

Secret-Level Government Security Clearance