Walter Stager

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github.com/WalterStager
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EDUCATION

Texas A&M University, College Station	**Expected Graduation: May 2020**
Bachelor of Science in Computer Science	GPA: 3.66
Austin Community College	Fall 2014 to Spring 2016
Early College Start Dual Enrollment Program	GPA: 3.8

SKILLS

- **Experience with** C/C++, Java, Python, JavaScript/Node, Git, Microsoft Azure, AWS, MongoDB, Haskell, OpenSSL, CURL, RESTful, SOAP, Cybersecurity
- **Exposure to** BurpSuite, penetration testing, LabVIEW, AutoCAD, Inventor, Slic3r, MATLAB

WORK EXPERIENCE

Visa, Austin, TX; **Security Architecture Intern - Data Protection**   May 2018 – August 2018
- Independently completed C coding project for performing data encryption for applications.
- The project used OpenSSL C API, RESTful and SOAP to communicate with servers, other open source libraries.
- My code is now being directly used in numerous other Visa projects and products.

City of Austin Aquatics, Austin, TX; **Lifeguard**   May 2014 - August 2015, May 2017 – August 2017
- Responsible for the safety of pool patrons and Enforcing pool policies and rules.
- Certified in: lifeguarding, open water lifeguarding, CPR/AED, wilderness first aid.

Northern Tier High Adventure Base, Atikokan, Ontario; **Interpreter**   May 2016 – August 2016
- Educational guide and mentor to over 60 participants.
- Provide guidance and assessment to help participants develop as a high functioning, independent team.
- Independent decision making while guiding participants in isolated wilderness areas.

COMPLETED COURSEWORK	CURRENT COURSES
• Data Structures & Algorithms	• *Graduate* Machine Learning
• Programming Languages	• Computer & Network Security
• Discrete Math	• Algorithms
• Operating Systems I	• Cryptography II
• Cryptography I	o Completing requirements this semester
• Linear Algebra	✓ Cybersecurity minor
• Topology	✓ Math minor
• Statistics	

PERSONAL PROJECTS

- **Arduino Microcontroller –** Temperature auto stabilizer using thermistors, data logging, screen output. Controlled line power using relay to smooth the variance in temperature of a meat smoker so it could stay at a constant temperature.
- **Portable Keys –** A small usb keyboard using Adafruit-Trinket, custom 3D printed case, programmable keys. Debugged/added functionality to low level library for usb keyboard to computer communication.
- **Solar Filters –** Designed and 3D printed a set of solar filters for binoculars and telescope.

ACTIVITIES & AWARDS

- Austin Community College Honors Program   2014-2016
- Eagle Scout Rank – design and build decorative drainage area for local elementary school   2016