

# Walter Stager

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[github.com/WalterStager](https://github.com/WalterStager)

[walterstager.me](http://walterstager.me)

## EDUCATION

**Texas A&M University, College Station**  
**Bachelor of Science in Computer Science**

Expected Graduation: May 2020

GPA: 3.60

**Austin Community College**

Early College Start Dual Enrollment Program

GPA: 3.8

## COMPLETED COURSEWORK

### TAMU

- Linear Algebra
- Principles of Statistics
- Cryptography
- Data Structures & Algorithms
- Discrete Structures for Computing

### Austin Community College

- Calculus I-III (Differential, Integral, Multi-Variable)
- Engineering Physics I-II
- Programming Fundamentals I-II

### Planned Coursework

Spring 2018

- Computer Organization
- Programming Languages
- Communication for Technical Professionals
- Topology
- Career-Oriented Topics Seminar

## SKILLS

- **Experience with** C++, Python, LabVIEW and MATLAB, AutoCAD, Inventor, Slic3r
- **Exposure to** Git, Unity - C#, JavaScript

## 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** – Built 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
- **Advent of Code** – Completed Advent of Code challenges using MATLAB, C++
- **Solar Filters** – Designed and 3D printed a set of solar filters for binoculars and telescope

## WORK EXPERIENCE

**City of Austin Aquatics, Austin, TX; Lifeguard**

May 2014 - August 2015, May 2017 – August 2017

- Responsible for the safety of pool patrons
- Enforced 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 in isolated wilderness areas

## ACTIVITIES & AWARDS

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