

Walter Stager

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github.com/WalterStager

walterstager.me

OBJECTIVE

Seeking technical computer science internship, summer 2018 or summer & fall.

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

Fall 2014 to Spring 2016

GPA: 3.8

COMPLETED COURSEWORK

TAMU

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

Austin Community College

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

Current Coursework

Spring 2018

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

SKILLS

- **Experience with** C++, Java, Python, Haskell, MATLAB, Git
- **Exposure to** LabVIEW, AutoCAD, Inventor, Slic3r, Unity engine - 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** – 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 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 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