

Jordan Bartos

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EDUCATION

- **Oregon State University** Corvallis, OR
B.S. in Computer Science; GPA: 4.00 *January 2018 – Present*
- **Texas A&M University** College Station, TX
B.S. in Biology *August 2004 – May 2009*

COURSEWORK

- **Completed Coursework:** Intro to CS I & II, Discrete Structures in CS, Data Structures, Analysis of Algorithms, Web Development, Computer Architecture & Assembly Language, Software Engineering I, Introduction to Usability Engineering
- **In Progress:** Operating Systems, Introduction to Databases

EXPERIENCE

- **Oregon State University** Corvallis, OR
Teaching Assistant - Intro to Computer Science *January 2019 - Present*
 - **Instructor:** Assist beginning students learning the fundamentals of C++ and Python programming
 - **Grader:** Read and evaluate students' programs to provide meaningful and helpful feedback
 - **Course Review:** Assisted in proofing course materials while transitioning the course curriculum from C++-based to Python-based
- **OSU Hackathon Club** Corvallis, OR
Director of Marketing *September 2019 - Present*
 - **Event Organization:** Collaborate with a team of Hackathon Club officers to organize weekly Hacker Nights and quarterly Hackathon events
 - **Promotion:** Make and distribute promotional communiques for club events

PROGRAMMING SKILLS

- **Proficient languages:** C++, C, Python
- **Prior Experience With:** JavaScript, Node.js, Express.js, SQL, Django, HTML, CSS, Bootstrap, MASM
- **Version Control:** Git and GitHub
- **Linux:** Bash scripting

SKILLS, ACHIEVEMENTS, AND PROJECTS

- **Relevant Coursework:** Data Structures, Analysis of Algorithms, Computer Architecture and Assembly Language, Usability Engineering, Discrete Math, Web Development, Software Engineering I
- **Currently Enrolled:** Operating Systems, Introduction to Databases
- **Rewind Revitalize - BeaverHacks Winter 2018:** Overall 1st place winner - a C++ console journaling program for mindfulness designed by a team of three intro students at Oregon State University.
- **PokerCalc:** A command line C++ program that determines which payments are Pythonecessary to settle winnings after a friendly game of poker such that the fewest number of payments necessary are made.
- **Personal Website:** My personal website. HTML, CSS, and bootstrap
- **Arduino Soil Moisture Sensor:** An arduino-based DAS that monitors four capacitive soil moisture sensors, displays readings to an LCD, and records the readings to a micro-SD card
- **Arduino Closet Light Automator:** An arduino-based device that uses an ultrasonic detector to detect a person's presence and automatically turn on the closet light for a pre-determined amount of time.
- **Soldering and Simple Circuit-design and Circuit-building:** Designed, built, and soldered basic circuits and wiring schematics on PCB for arduino projects

ADDITIONAL AND VOLUNTEER EXPERIENCE

- **McCoy's Corporation** Bryan, TX
Class C Truck Driver 2017 - present
- **US Army Corps of Engineers** Duck Field Research Facility, NC
Volunteer 2013
 - **Sample Collection:** Took vibracore core samples of beach sediments for analysis
 - **Analysis:** Analyzed layers of core samples to determine water content and prepare for long-term storage
- **The Nature Conservancy at Nags Head Woods** Kitty Hawk, NC
Volunteer 2013
 - **Data Collection:** Checked water quality meters at Alligator River National Wildlife Refuge for salinity, redox potential, and pH
- **Geography Department, Texas A&M University** College Station, TX
Volunteer 2012
 - **Data Collection:** Assisted in data collection using GPS RTK to map sand dune features and blow-outs at Padre Island National Seashore, TX
 - **Equipment Setup:** Assisted setting up imagery equipment for surface layer soil moisture experiments