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*

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 scrpting

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 Pythonnecessary 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

- **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