

MATTHEW BIERMAN

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EDUCATION

Expected Dec 2019 The University of Texas at Dallas
Bachelor of Science in Computer Science **GPA: 3.957**

LEADERSHIP ROLES

Sep 2017 – Present Director of Marketing for ACM

- Keeping all members up to date on ACM events through digital media platforms such as Facebook, Twitter, email, and UT Dallas' ACM website.
- Coordinating with all subdivisions of ACM and organization partners for event scheduling.

Aug 2017 – Present Supplemental Instruction Leader

- Facilitating interactive study sessions for Discrete Mathematics for Computing I.
- Communicating with faculty members and course instructors on a weekly basis.
- Applying various marketing strategies to increase session attendance.

Apr 2017 – Present Curriculum Coordinator for ACM Projects

- Creating curriculum and objectives for all projects.
- Enforcing Agile software development for all teams.
- Serving as a mentor for team with VR/AR project and team with sports prediction project.

EMPLOYMENT

Jun 2017 – Jul 2017 Clear • Ambassador • Las Vegas, NV

- Enforced and maintained airport security measures.
- Created a welcoming customer experience that promoted the convenience of the service.

Jul 2015 – Aug 2015 TLC Computer Solutions • Tech Support Intern • Las Vegas, NV

- Assisted in troubleshooting hardware and software issues.
- Serviced both Macs and PCs with customers in person, over the phone, and remotely.

Jun 2014 – Aug 2014 Fandevor • Web Development Intern • Las Vegas, NV

- Programmed in Python Django and HTML/CSS to modify Fandevor's website layout and design.

SKILLS

PROGRAMMING LANGUAGES Java, C++, Shell (sh/bash), HTML, CSS, JavaScript
FRAMEWORKS / PLATFORMS jQuery, Bootstrap

PROJECTS

Smart Lock

- Uses a Raspberry Pi to unlock the door when at least one whitelisted user is connected to the home network and lock the door when no whitelisted users are connected to the home network.
- Created scripts using Bash to check all MAC addresses on current network and compare with Access Control List of whitelisted devices.
- Assisted with Python scripts that communicate between frontend of local website and the backend files that are accessed/modified by Bash scripts.

Portfolio Website

- Responsive layout design with Bootstrap 4; created with HTML, CSS, and JavaScript.
- Background contains dynamic animation of Conway's Game of Life, with random initial state generation and cell color changing based on scroll height.
- Contact form in "About Me" page with input validation for required fields.
- Sort portfolio gallery items with modal windows based on subject/category.