MATTHEW BIERMAN

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EDUCATION

Expected 2020	The University of Texas at Dallas	
	Bachelor of Science in Computer Science	**GPA**: 3.957

LEADERSHIP ROLES

Apr 2017 – Present   Curriculum Coordinator for ACM Projects
- Created curriculum and objectives for all projects.
- Enforced Agile software development for all teams.
- Served as mentor for team with VR/AR project.

Aug 2017 – Present   Supplemental Instruction Leader
- Facilitated interactive study sessions for Discrete Mathematics for Computing I.
- Communicated with faculty members and course instructors on a weekly basis.
- Applied various marketing strategies to increase session attendance.

EMPLOYMENT

Mar 2014 – Jun 2014   Iacon Pictures • Intern • Las Vegas, NV
- Assisted with a documentary titled 'Holding the Wire' about the sport of paintball.
- Worked as an editor, visual effects producer, 3D modeling rigger, and animator.

Jun 2014 – Aug 2014   Fandeavor • Intern • Las Vegas, NV
- Programmed in Python Django and HTML/CSS.
- Modified Fandeavor's website layout and design.

Jul 2015 – Aug 2015   TLC Computer Solutions • 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 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.

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.
- 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.