MATTHEW BIERMAN

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EDUCATION

Expected Dec 2019	**The University of Texas at Dallas** Bachelor of Science in **Computer Science** **GPA**: 3.96

LEADERSHIP ROLES

Dec 2017 – Present

Association for Computing Machinery at UT Dallas • Vice President
- Leading the largest computer science organization at UT Dallas and overseeing its operations across five divisions, with over 30 officers and 1,600 members.

Aug 2017 – May 2018

Student Success Center at UT Dallas • Supplemental Instruction Leader
- Facilitated interactive group study sessions for the *Discrete Mathematics for Computing I* course.
- Received the **Most Improved Award** for the Fall 2017 semester.

EMPLOYMENT

Jun 2018 – Present

AT&T • Software Development Intern • Dallas, TX
- Developing and designing an onboarding wizard using **Angular 6** with a focus on **UX design**.
- Created an interactive dashboard for AT&T customer chat data using **Bootstrap** and **R**.
- Received the **Marty Turco Legends of Achievement Award**.
- Completed two internal career development courses: **Machine Learning** and **ChatBots**.

May 2018 – Present

Dot Slash Digital • CEO/Founder • Las Vegas, NV
- Founded a digital agency specializing in web development, graphic design and digital marketing.
- Currently serving 6 clients throughout the Las Vegas valley.

SKILLS

PROGRAMMING LANGUAGES	C++, Shell (sh/bash), HTML, CSS, JavaScript, TypeScript, ES6, MIPS Assembly, R, Scala
FRAMEWORKS / PLATFORMS	jQuery, Bootstrap, Apache Spark, SparkR, Apache Hadoop, Angular

PROJECTS

Smart Lock
- **Bash (Shell), JavaScript**
- Developed **Bash** scripts to check all MAC addresses on a network, compare found devices with Access Control List to lock/unlock door, and export data to log files and frontend.
- Developed data visualization charts using **JavaScript** with **Chartist.js** to display the frequency of whitelisted users on a given network.
- Won **first place** in *ACM Projects*, worked with a team of five using **Agile** software development.

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- **Unity**, **C#**, **Vuforia**, **HTML**, **CSS**, **JavaScript**, **jQuery**, **Bootstrap 4**
- Created an **augmented reality** catalog using image targets to display 3D objects in real-time.
- Developed a responsive, one-page demo furniture catalog to demonstrate industry use cases.
- Won **second place overall** at *CodeRED Exploration 2017*, a University of Houston hackathon.

March Madness 2018 Prediction
- **R, SparkR**
- Predicted outcomes for each game of the March Madness 2018 Men's Tournament.
- Performed data pre-processing, feature engineering, and model training using logistic regression.
- Placed in the **top 30%** for the *Google Cloud & NCAA ML Competition 2018-Men's* Kaggle competition and in the **top 1%** for the *Capital One NCAA March Madness Bracket Challenge*.