Matthew Bierman

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Education

Expected Dec 2019	The University of Texas at Dallas Bachelor of Science in **Computer Science** **GPA**: 3.94

Employment

Jun 2018 – Present	AT&T • Software Development Intern/Co-op • 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

- https://dotslashdigital.com
- Founded a digital agency specializing in web development, graphic design and digital marketing.
- Currently serving 6 clients throughout the Las Vegas valley.

Leadership Roles

Dec 2017 – Dec 2018	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.

Skills

Programming Languages	C++, Shell (sh/bash), HTML, CSS, JavaScript, TypeScript, ES6, R, Scala, Python
Frameworks / Platforms	jQuery, Bootstrap, Apache Spark, SparkR, Apache Hadoop, Angular

Projects

Smart Lock	**Bash (Shell)**, **JavaScript**

- Developed **Bash** scripts to scan networks and automate the door lock with a key.
- Designed data visualization charts using **JavaScript** with **Chartist.js** to display network statistics.
- Won **first place** in *ACM Projects*, worked with a team of five using **Agile** software development.

view*ar*	**Unity**, **C#**, **Vuforia**, **HTML**, **CSS**, **JavaScript**, **jQuery**, **Bootstrap 4**

- Created an **augmented reality** catalog to display 3D objects in real-time.
- Developed a 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*.