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
- Designed and developed an onboarding wizard using **Angular 6** with a focus on **UX design**.
- Created an interactive dashboard to visualize AT&T customer chat data using **JavaScript** and **R**.
- Developing a management coaching tool using **React**, leading to an estimated $200M savings.

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 8 clients throughout the Las Vegas valley.
- Developing automation tools to increase efficiency in project management.

Leadership Roles

Dec 2018 – Present

Association for Computing Machinery at UT Dallas • Director of Projects, Director of Ignite
- Established ACM's 6th division, ACM Ignite, guiding students in developing unique side projects.
- Increased the number of applicants for ACM Projects by over 300% for two straight semesters.
- Leading workshops on entrepreneurship, project management, and public speaking.

Dec 2017 – Dec 2018

Association for Computing Machinery at UT Dallas • Vice President
- Led the largest computer science organization at UT Dallas with over 1,800 members.
- Oversaw its operations across 5 divisions and led a team of 32 officers.

Skills

Programming Languages	C++, Bash/Shell, HTML, CSS, JavaScript, TypeScript, R, Scala, Python, SQL
Frameworks / Platforms	jQuery, Bootstrap, Apache Spark, SparkR, Apache Hadoop, Angular, React

Projects

Smart Lock

Bash (Shell), **JavaScript**
- Developed **Bash** scripts to scan networks and automate household door lock operations.
- Designed dashboard using **JavaScript** to visualize real-time network activity.
- 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 to display 3D objects in real-time.
- 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*.