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 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.
view*ar*	**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*.