

# Matthew Bierman

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## Education

Aug 2016 – Dec 2019    The University of Texas at Dallas    Magna Cum Laude, GPA: 3.9  
Bachelor of Science in Computer Science

## Skills

Programming Languages    Python, HTML, CSS, JavaScript, TypeScript, R, Bash/Shell, SQL, Scala  
Frameworks / Platforms    React, React Native, Node.js, Express, Flask, Apache Spark, Apache Hadoop, SparkR

## Employment

- Feb 2020 – Present    Oscar Health • Software Engineer • New York, NY
- Developing features to increase member engagement on member-facing website and mobile app.
  - Spearheading full-stack projects end-to-end using **React**, **React Native**, and **Python**.
  - Mentoring interns and new hires with team onboarding and company best practices.
  - Implemented redesign of member benefits feature, resulting in **15% YOY improvement** of customer service escalations.
- May 2021 – Present    Tailwind Talent • CEO/Co-Founder • [tailwindtalent.co](http://tailwindtalent.co)
- Co-founder of career consulting firm, providing mentorship for aspiring software engineers.
  - Developing full-stack web app using **React**, **Node.js**, **Express**, and **Firebase** for clients to manage job applications and for mentors to track their clients' progress.
  - Building automated solutions and pipelines using **Python**, **Selenium**, and **Google Cloud** to identify job applications for clients based on preferences and career goals.
  - Co-led branding strategy across all platforms and designed dashboard prototypes using **Figma**.
- May 2018 – Present    Dot Slash Digital • CEO/Founder • [dotslashdigital.com](http://dotslashdigital.com)
- Founder of digital agency specializing in **full-stack development**, **branding**, and **UI/UX design**.
  - Managing 20+ simultaneous projects and strategizing project execution across multiple teams.
  - Collaborating with various creative agencies and providing **UI design** consultations.
- May 2019 – Aug 2019    Oscar Health • Software Engineer Intern • New York, NY
- Developed step tracking leaderboard using **React Native** and **Python** for Oscar's mobile app.
  - Won **third place overall** for building automated contract converter at company-wide hackathon.
- Jun 2018 – May 2019    AT&T • Software Development Intern/Co-op • Dallas, TX
- Designed and developed onboarding wizard using **Angular 6** with a focus on **UX design**.
  - Developed management coaching tool using **React**, leading to an estimated \$200M savings.

## Projects

- March Madness Prediction    **Python, Pandas, scikit-learn, Matplotlib**
- Developed machine learning algorithm to predict basketball games in March Madness tournament.
  - Performed data pre-processing, feature engineering, and model training using logistic regression.
  - Placed in **top 30%** of machine learning Kaggle competition and in **top 1%** of all brackets for 2018.
  - Correctly predicted tournament champions for 2018 and 2019, averaging 63% overall accuracy.