JORDAN MECOM

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EDUCATION

Washington University in St. Louis, St. Louis, MO   **August 2012 - May 2016**
Bachelor of Science with a Major in Computer Science
- Major GPA: 3.71/4.00   GPA: 3.60/4.00
- **Activities and volunteering:** Association for Computing Machinery, Making Music Matters, Tau Kappa Epsilon
- **Honors:** Deans List, Accenture American Indian Scholar, State Piano, State Percussion
- **Relevant courses:** Rapid Prototyping and Creative Development, Software Engineering Workshop, Algorithms and Data Structures, Logic and Discrete Mathematics, Digital Logic and Computer Design, Translation of Computer Languages

SKILLS
- **Computer**: Proficient in Java, Python, Javascript, Coffeescript, HTML and familiar with C++, MySQL, PHP, and VHDL
- **Communication**: National Speech and Debate All American (14th) and Debate Two-Time State Champion

PERSONAL PROJECTS

Star Graph - *Javascript, Three.js*
- A web application that renders points in a dataset as stars in an interactive, 3D galaxy
- Asynchronously queries for Metacritic's video game scores to display

Tanks! - *Coffeescript, Create.js*
- A web based game where the player battles an artificially intelligent enemy tank
- Levels are procedurally generated mazes that provide the user a new experience each time

WORK EXPERIENCE

WUSTL Media and Machines Laboratory, St. Louis, MO   **August 2014 - December 2014**
Software Development & Research Assistant
- Contributed to the development of Gorgon, an interactive molecular modeling system using Python, OpenGL, and PyQT
- Designed and built statistical tools for evaluating the quality of molecular models
- Developed a feature that colors molecules based on differences between a model and its reference model
- Restructured Gorgon's user interface to improve usability and clarity

WUSTL Computer Science Department, St. Louis, MO   **August 2014 - Present**
Teaching Assistant, Computer Science I and II
- Taught students, in lab and studio sessions, core Computer Science ideas such as object oriented programming and recursion
- Provided guidance and debugged students' weekly lab assignments during office hours

Belden, St. Louis, MO   **June 2014 - August 2014**
Corporate Finance Intern
- Wrote VBA scripts for Excel documents to automate data entry used for accounting
- Updated financial statements and deliverables, used by Belden's CEO and CFO, for the company's earnings release

LEADERSHIP

Association for Computing Machinery   **Spring 2014 – Present**
Industry Liaison, Public Relations
- Coordinated sponsorships and on-campus presentations with Google, Salesforce, Microsoft, and more
- Organized social events, such as Hackathons and game nights, to strengthen the student Computer Science community
- Held ACM office hours to provide additional assistance to students for all introduction level Computer Science courses

Washington University Student Investment Fund   **August 2012 – Present**
Co-president
- Exercised leadership over a portfolio of $140,000 to invest in the stock market
- Led buy and sell pitches on stocks among a wide range of industries, outperforming the S&P 500 by 30%