Benjamin Teisman

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EDUCATION

University of Michigan, Ann Arbor, MI
Bachelor of Science in Computer Science   *May 2018*
Minor in Multidisciplinary Design   *GPA: 3.82/4.00*
Coursework: Data Structures & Algorithms, Introduction to Computer Architecture, Web Systems,
           Databases, Computer Security, Artificial Intelligence, Multidisciplinary Software Development

EXPERIENCE

JPMorgan Chase   *Chicago, IL*
Technology Analyst Intern   *January 2017-Present*
- Build Java web application using Spring MVC and Maven to enhance legacy systems within the bank
- Design large relational database for data storage and persistence within the application
- Integrate business process management through the open source Java software jBPM

Academic Success Program   *Ann Arbor, MI*
Tutor   *September 2016-January 2017*
- Tutored university classes for several different athletes at the University of Michigan
- Instructed several Computer Science, Math, and Spanish classes in individual and group environments

Tim Bouma Painting   *Grand Rapids, MI*
Painter   *Summer 2015, 2016, 2017*
- Aided in a team to paint newly constructed houses
- Followed and improved an efficient painting process to finish work quickly, while adapting to the needs of the
  customer

PROJECT EXPERIENCE

Multidisciplinary Design Program: JPMorgan Chase   *January 2017-December 2017*
- Design, develop, and validate a new business process management platform for a division within the bank
  using rapid contextual design techniques
- Utilize Agile/Scrum methodologies with a team of 5 other students

ARIES Protocol   *March 2017*
- Created a database recovery algorithm using C++ in a simulated database environment
- Modeled write ahead logging, redoing committed changes, and undoing uncommitted changes in an
  efficient manner to recover from a database crash

Data Center Computing   *November 2016*
- Implemented a single machine, multi-process, multi-thread map-reduce server using Python
- Developed an artificial distributed network communicating through sockets controlled by one master with
  several workers and fault tolerance

SKILLS

Experienced: C++, Python, Git, Xcode
Intermediate: C, Java, SQL(MySQL, Oracle), JavaScript(jQuery), Eclipse
Familiar: Unity(C#), Arduino, Swift, Angular(TypeScript), HTML, CSS, Bootstrap

ACTIVITIES AND AWARDS

Study Abroad: Costa Rica   *May 2016-June 2016*
University Honors   *Fall 14, Fall 15, Winter 16, Winter 17*