Matt Davenport

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EXPERIENCE

Software Engineer May 2014 – May 2019

Square *Atlanta, GA*

- Payments Team
  - Designed, built, and tested a service to encode and route payments to an external payment processor and worked closely with the processor to finalize their API and debug issues on their end
  - Designed, built, and tested a system to log and tag all messages sent to external servers
  - Helped migrate critical payments service from MySQL to PostgreSQL without downtime and implemented checks to ensure both databases contained matching data
  - Frequently worked with multiple payment processors to update our integrations to comply with their changing rules
- Shared Systems Team
  - Updated the reverse HTTP proxy that routes all incoming web traffic from Netty 3 to Netty 4
- Identities Team
  - Designed, built, and tested a highly available service to send and receive SMS messages
- Other
  - Supported the hiring process by interviewing candidates and attending job fairs and conferences

Software Engineer Intern May 2013 – Aug 2013

Facebook *Menlo Park, CA*

- Developed iOS apps for internal use and experimented with low level iOS hacks

Software Development Engineer Intern May 2012 – July 2012

Amazon.com *Seattle, WA*

- Created and modified web pages using Ruby on Rails and added back end functionality using Java and Hibernate

Computer Science Tutor Sept 2011 – May 2012

Georgia Institute of Technology *Atlanta, GA*

- Tutored for five computer science classes
- Helped students learn class material, understand homework assignments, and prepare for test, exams, and quizzes

Undergraduate Teaching Assistant May 2011 – August 2011

Georgia Institute of Technology *Atlanta, GA*

- Volunteered as a teaching assistant for CS 2110 - Computer Organization & Programming
- Helped students with assignments and class concepts, proctored exams, held office hours, and graded homework, quizzes, and exams

EDUCATION

Georgia Institute of Technology Aug 2010 – May 2013

Bachelor of Science in Computer Science, with highest honors *Atlanta, GA*

- Programming Team
  - Competed in multiple ACM ICPC regional contests

TECHNICAL SKILLS

Proficient at: Java, Git, Linux/Unix terminal, IntelliJ IDEA
Familiar with: SQL, Python, C, Go