

**WORK  
EXPERIENCE**

**National Academic Quiz Tournaments, LLC** June 2010 – present  
**Software Engineer Vice President of Marketing Logistics Director Question Writer/Editor**  
 Wrote and maintained back-end code in Java, SQL, and Perl, and front-end code in HTML, CSS, and JavaScript (including jQuery), for NAQT’s internal and public websites. Redesigned internal website; conducted security analysis of internal and public websites; designed and built tools for reporting and workflow improvement. Wrote and edited questions for academic competitions at middle school, high school, and collegiate levels. Subject area editor in mathematics, computer science, and visual arts. Principal editor for dozens of tournament sets including over ten national championships at all levels.  
 Directed logistics for over 500 players and coaches, and over 90 staff members, for two national championship tournaments; assisted with logistics for dozens of others.

**William Jones College Preparatory High School** August–December, 2014  
**Student Teacher**  
 Taught four sections of precalculus (juniors and seniors) and one section of geometry (freshmen and sophomores). Collaborated with a mentor teacher and colleagues in the mathematics department to develop and execute lesson plans, write assessments and use the results to inform instruction; worked with students and their parents in classes, in small groups, and individually to build conceptual understanding of and procedural fluency with mathematics.

**Facebook, Inc.** July–December, 2012  
**Mobile Apps Analyst**  
 Reported on Facebook’s iOS app in testing and the market. Used data to inform decisions about features, marketing, and resource allocation for iPhone, iPad, and other tablet development.

**Health Care Service Corporation / Blue Cross and Blue Shield of Illinois** June–August, 2010  
**Intern in Information Security Risk Management**  
 Developed a CVSS- and DREAD-based risk assessment scale; participated in risk analysis engagements; learned computer system hacking techniques and defenses against the same.

**Grand Food Center** April, 2005 – January, 2008  
**Assistant to the Partners; Director of Information Technology; Customer Service Supervisor**  
 Worked as a general assistant/consultant to the owners of the store, including maintaining the company’s website; computer and other technical consulting, acquisition, and maintenance; analyzing financial data; writing the weekly sales ad; and designing and producing signage for various departments.  
 Managed cash office operations, including responsibility for daily store balancing; wrote the employee schedule; bagged, rang up, and delivered customer orders, handled customer service issues.

**EDUCATION**

**University of Illinois at Chicago** Spring 2013 – Fall 2014  
 Master of Science in Teaching with Illinois secondary teaching certification  
 GPA: 3.86

**University of Chicago** Fall 2009 – Spring 2012  
 B.S., Mathematics, The College and the Division of the Physical Sciences  
 GPA: 3.46 (in-major: 3.50)

**University of Illinois at Urbana-Champaign** Fall 2008 – Spring 2009

**ACADEMIC  
HONORS**

**Edmund J. James Scholar**, University of Illinois at Urbana-Champaign  
**Chancellor’s Scholar**, University of Illinois at Urbana-Champaign  
**Dean’s List**, University of Illinois at Urbana-Champaign Fall 2008, Spring 2009  
**Dean’s List**, University of Chicago 2009–2010, 2010–2011

**SKILLS**

Proficient with Java, SQL and Hive, Perl, Microsoft Word and Excel, HTML, CSS, LaTeX, some JavaScript, typing (120 WPM); expert with Windows computers; some experience with Linux and Mac OS