

Rick Sheahan

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Education

**Mathematics and
Computer Science,
BS (Expected)**
(2013 – 2017)

University of Illinois at Urbana-Champaign
Selected Coursework:

- Numerical Analysis
- Programming Languages and Compilers
- Systems Programming
- Algorithms and Models of Computation

**Engineering
Coursework**
(2012 – 2013)

Parkland College, Champaign, IL

Professional Experience

**Programming Studio
Course Staff (CS 242)**
(2016)

University of Illinois, Urbana, IL

- Mentored students in best coding practices
- Reviewed and graded code
- Hosted code reviews
- Provided guidance on projects

App Development
(2013 – 2014)

Mia Za's Restaurant, Champaign, IL

- Consulted with client to envision an app to their specifications
- Designed POS custom order software and hardware implementation plan
- Developed Android kiosk app
- Reduced paper usage and sped up ordering

Computer Assistance
(2012 – 2013)

Parkland College, Champaign, IL

- Assisted students with using various software
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Skills and Experience

**Programming
Languages**

Proficient: Java, Ruby, Python

Experienced: C, C++, Swift

Familiar: Haskell

**Frameworks and
Libraries**

Ruby on Rails, jQuery, iOS SDK, NumPy, SciPy

Tools

Heroku, Git, AWS

Areas of Interest

Full Stack Web Development, Software Development, Data Science

Projects

Buzzworthy

- Browser-based online game with social features
- Engine built from scratch in Ruby on Rails

Trip Report

- Native iOS app built in Swift

**Mia Za's Custom
Entrée Kiosk**

- Built as a native Android app
- Rebuilt in HTML and JavaScript for portability