

# Scott Mathews

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## Education

### Indiana University – Bloomington, Indiana

*Expected Graduation May 2018*

*School of Informatics and Computing, Hutton Honors College*

*Master of Science in Computer Science/Bachelor of Science in Computer Science*

Cumulative GPA: 3.6/4.0

St. Xavier High School, Cincinnati, OH, First Honors

*May 2014*

## Technical Skills

**Languages:** Java, Python, JavaScript, Scheme, C, MATLAB, SQL, Haskell, Racket, MiniKanren

**Tools:** Git, PostgreSQL, NoSQL

**Web Development:** React.js, Redux, Redux Saga, Node.js, MongoDB

**Platforms:** Microsoft Windows, UNIX

**Miscellaneous:** Agile, Scrum, Unit Testing, Version Control, Functional Reactive Programming

## Relevant Experience

### Tata Consultancy Services, Cincinnati, OH

*June 2016 – August 2016*

*Software Engineering Intern*

- Developed concierge web application for the Tata Global Delivery Center front desk
- Utilized a full React, Redux, MongoDB, Express stack
- Employed Agile methodology to guide design process

### Indiana University, Bloomington, IN

*August 2015 – Current*

*Undergraduate Instructor, Mathematical Foundations of Informatics*

- Led lab session for Mathematical Foundations of Informatics
- Tutored students in groups and individually

### Undergraduate Research Project, Bloomington, IN

*February 2015 – April 2015*

*Information Technology Intern*

- Studied the theory behind Artificial Neural Networks
- Compared the classification accuracy of k-nearest-neighbor and deep learning methods of computer vision

### Robert Flischel Photography, Cincinnati, OH

*June 2014 – August 2014*

*Web Developer*

- Constructed a simple and easy to maintain website for client to display photographs and sell books

## Projects

### Android App Development

- Built “Shake to Wake” an alarm application for those who sleep through conventional alarms

### Spacemacs Guide

- Compiled a guide on installing and configuring Spacemacs on Windows to contribute to the open source community

### Git Demonstration

- Implemented basic git functionality using JavaScript to aid personal understanding

## Leadership

### GoIT Student Technology Awareness Program

*June 2016*

- Mentored junior high and high school students through technological challenges to build enthusiasm for STEM fields

### Boy Scouts of America

*August 2008 – May 2014*

- Achieved Eagle Scout rank by coordinating and leading over 40 volunteers in planning and building a campsite for the Village of Mariemont

## Relevant Coursework

Advanced Functional Programming

Artificial Intelligence

Data Mining and Analysis

Database Concepts

Data Structures and Algorithms

Android Development