# Scott Mathews

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## Education

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| **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

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| 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

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| **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

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| **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

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| **Undergraduate Research Project,** Bloomington, IN | *February – 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

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| **Robert Flischel Photography,** Cincinnati, OH | *June - 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

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| **GoIT Student Technology Awareness Program** | *June 2016* |

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

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| **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

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| Advanced Functional Programming | Data Mining and Analysis | Data Structures and Algorithms |
| Artificial Intelligence | Database Concepts | Android Development |