

Matthew Bowyer

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Knowledge

Education

Rutgers University in New Brunswick, NJ

- (September 2014 - Present)
- Bachelor's in Computer Science & Mathematics
- Data Structures
- Linear Algebra
- Discrete Structures I

Wayne Hills High School in Wayne, NJ

- (September 2010 - June 2014)
- National AP Scholar with Distinction for 27 AP Credits
- Calculus I & II
- Statistics I
- Intro to Computer Science
- General Physics

ID-Tech at Princeton University

- (August 2012 - September 2012)
- iOS Development in XCode
- 3.0 Continuing Education Units

Technical Skills

Software Development

- C
- Bash
- Vim
- Adobe Illustrator
- Git
- Trello
- RSA Encryption
- PERT Project Time Estimation

Mobile Development

- Java
- Objective-C
- Swift
- Eclipse
- Xcode

Web Development

- HTML
- CSS

Background

Employment

Lifeguard at American Pool in Wayne, NJ

- (June 2011 - Present)
- Lifeguarded multiple pools
- Certified in CPR & First Aid

Ski Instructor & Technician at CampGaw in Mahwah, NJ

- (December 2010 - Present)
- Taught Kids how to ski and snowboard
- Repaired and fitted skis and snowboards for customers

Tutor

- (January 2014 - Present)
- AP Calculus Test Prep
- Math and Programming Tutor

Projects

Autonomous Vehicles Research Group in New Brunswick, NJ

- (December 2014 - Present)
- Building autonomous vehicles for local applications
- Sponsored by Munich Re

Black-Scholes Calculator

- (January 2014 - September 2014)
- Financial Trading iOS Application
- Used Black-Scholes Model to evaluate options

Volunteer Work

Open-Source Software Development

- (October 2014-Present)
- Mobile, Web, and School Projects
- <https://github.com/MattCBow>

Peer Minister at Our Lady of Consolation in Wayne, NJ

- (September 2009 - August 2014)
- Lead a team of Catholic confirmation candidates
- Did numerous hours of charity such as can drives and car washes

Computer Instructor at Computer Adventures in Wayne, NJ

- (September 2007 - September 2012)
- Taught kids and senior citizens how to use computers
- Taught teens how to program Lego Robots