

# Matthew Bowyer

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## Education

### Rutgers University

- (September 2014 - Present)
- Bachelor's in Computer Science & Mathematics
- New Brunswick NJ
- Relevant Coursework: Data Structures, Linear Algebra, Discrete Structures I & II, Intro to Mathematical Reasoning, Computer Architecture, Linear Optimization

### ID-Tech

- (August 2012)
- Classes were held at Princeton University
- iOS Development in XCode
- 3.0 Continuing Education Units

### Wayne Hills High School

- (September 2010 - June 2014)
- Classes held in Wayne, NJ
- National AP Scholar with Distinction for 27 AP Credits
- Relevant Coursework: Calculus I & II, Statistics I, Intro to Computer Science, General Physics

## Technical Skills

- C
- Java
- Objective-C
- Swift
- HTML
- CSS
- Bash
- Git
- Vim
- RSA Encryption

## Employment

### Lifeguard at American Pool

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

### Ski Instructor & Technician at CampGaw

- (December 2010 - Present)
- Ski Area in Mahwah, NJ
- Taught Kids how to ski and snowboard
- Repaired and fitted skis and snowboards for customers

## Freelance Work

### STEM Tutor

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

### Black-Scholes Calculator

- (January 2014 - Present)
- Financial Trading iOS Application
- Used Black-Scholes Model to calculate expected European call value for options
- Used Calculus, Statistics, Obj-C, Swift, Xcode, & SQLite

## Volunteer Work

### Peer Minister at Our Lady of Consolation

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

### Computer Instructor at Computer Adventures

- (September 2007 - September 2012)
- Computer Classroom located in the YMHA of Wayne, NJ
- Taught young kids and senior citizens how to use compute
- Taught the young kids how to use program Lego Robots