

# Nicholas Thompson

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*Available: January – June 2018*

## Education

**Northeastern University**, Boston, MA

September 2016 – Present

*College of Computer and Information Science*

Candidate for a Bachelor of Science degree in Computer Science and Mathematics

December 2020

**Related Courses:** Object Oriented Design | Computer Systems | Logic & Computation | Discrete Structures  
Fundamentals of Computer Science | Differential Equations & Linear Algebra | Probability & Statistics

**Honors:** GPA 3.5 / 4.0 | Honors Program | Dean's List

**Activities:** Club Roller Hockey

**Homewood-Flossmoor Community High School**, Flossmoor, IL

May 2016

**Honors:** GPA 6.3 / 6.0 | International Baccalaureate Diploma | High Honors | AP Scholar with Distinction

## Computer Knowledge

**Languages:** Java | Racket / Scheme | Lisp | HTML | CSS | C | MIPS ASM | Swift

**Systems:** macOS | Windows 7 / 8.1 / 10 / Server 2012 R2 | Linux | UNIX | iOS | Android

**Software:** VMWare ESXi / Workstation / Fusion | Git | IntelliJ IDEA | Eclipse | Xcode | pfSense  
Sublime Text | Atom | Photoshop | Illustrator | Premier Pro | Microsoft Office

## Personal Projects

- **LiveThread for Reddit:** Co-created an Android app to turn Reddit posts into live comment streams. Developed using Java, Android Studio, GSON for JSON parsing, and the Reddit API. There is an iOS app planned for future release this year.
- **LazyMan for iOS:** Developing a private iOS app to directly play any live or archived NHL or MLB game. Pulls from NHL and MLB public APIs for storing game data, and is programmed in Swift using Xcode.
- **Personal Homelab:** Configured a custom built router using ESXi, pfSense, and Ubuntu for IP routing, DHCP, NAT, DNS caching, automation, game servers, and VPNs for family, friends, and personal use.

## Work Experience

**Northeastern University**, Boston, MA

Spring 2017, Fall 2017

*Fundamentals of Computer Science Tutor*

- Tutored students in both an individual and lab environment and graded homework assignments
- Taught functional programming, data types, the “design recipe,” recursion, and abstraction in Racket teaching languages

**W5 Golf**, Flossmoor, IL

Summer 2016, 2017

*Reservation Agent*

- Managed calls for golf courses across the USA and Canada by providing professional customer service to customers

**Freelance Technical Support and Consulting**, Flossmoor, IL

2011 – 2016

- Created and launched my own computer servicing business offering tutoring, virus removal, and wifi diagnosis
- Offered IT support for Bent Oak Landscaping & Design and started social media campaigns

## Activities & Interests

**H-F Operation Snowball**, Flossmoor, IL

2014 – Present

- Directed multiple weekend-long anti-drug and alcohol leadership programs at my former high school

Ice Hockey | Golf | Tacos | Mechanical Keyboards | Networking | IT Systems | Virtual Machines | Computer Hardware