

# NICHOLAS MARINO

nicholas.marino@protonmail.ch  
(914) 874-6309  
github.com/njm256

## EDUCATION

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**Case Western Reserve University**  
B.S., Mathematics · *GPA: 3.5*

Cleveland, OH  
Sep 2014 - May 2018

**Case Western Reserve University**  
M.S., Mathematics · *GPA: 3.6*

Cleveland, OH  
Sep 2017 - Jan 2019

## SKILLS

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Project experience with: Java, Android, Python, C, Clojure, OpenCV, Apache Commons

Coursework: Data Structures, Algorithms, Logic Design, Cryptography, Programming Language Interpretation, Operating Systems and Concurrent Programming, Scientific Computing, Probability Theory, Graph Theory

## PROJECTS

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### Depuzzler

- Tool for breaking apart an image of a chessboard for chess piece recognition
- Technology used: Kotlin, OpenCV, Apache Commons Math/Machine Learning Library

### Stalldoor

- Android app prototype for a distributed location-based social network
- Hackathon winner at HackCWRU 2017: Maker Track
- Technology used: Android, Java

## EXPERIENCE

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**Private Tutor (mathematics)**

Westchester, NY  
May 2017/2018 | August 2017/2018

- Assessed student needs based on education level and short- and long-term goals
- Prepared lesson plans tailored to student availability, educational needs, interest, and time requirements
- Instructed students in effective mathematical and problem-solving techniques with a focus on problem identification and algorithmic solutions as well as theoretical concepts and abstractions

**BSA National Youth Leadership Training Staff**

Putnam Valley, NY  
2011 | 2014

- Planned Coursework, activities, and events for participants
- Gave presentations on effective communication, planning, and teamwork
- Instructed participants in effective leadership and team development strategies
- Organized and led meetings to identify areas of course improvement