

Nicholas DeFilippis

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Professional Experience

INTERN | LOCKHEED MARTIN | JUNE 2017 – AUGUST 2017

Largest defense contractor for the United States government

- Created Web Application to analyze cost and savings of international data plans
- Improved existing recruiting tool to feature live news feeds and user activity

INTERN | HALFPENNY TECHNOLOGIES | JUNE 2016 – AUGUST 2016

Offers Electronic Medical Record Solutions to hospitals, pharmacies, and other health services

- Created record linkage software using statistical modeling and machine learning
- Created front-end website use web technologies such as React, Node.js, and mongoDB

VOLUNTEER TECHNICIAN | TEAMCHILDREN | DECEMBER 2013 – DECEMBER 2016

Provides refurbished computers to underprivileged families to close the digital divide

- Performed computer maintenance and repair, reimaged computers with Windows 7
- Tested network equipment and catalogued hardware

Education

DREXEL UNIVERSITY, PHILADELPHIA, PA

- Computer Science Major, Class of 2022, Part of Pennoni Honors College

METHACTON HIGH SCHOOL, WORCESTER, PA

- Rank: 3/417

Skills and Achievements

PROGRAMMING LANGUAGES AND TOOLS

- | | |
|--|--------------|
| • Java, Python, C#, JavaScript/ES6, HTML, CSS, git, Node.js, Bootstrap | Experienced |
| • TypeScript, .NET framework, Angular, ReactJS, mongoDB, OpenGL | Intermediate |
| • C/C++, x86 assembly, SQL, gdb | Familiar |

CAPTURE-THE-FLAG COMPUTER SECURITY COMPETITIONS

- | | | |
|--------------------------------------|------------------------------------|--|
| • EasyCTF 2015: | • sCTF 2016 Q1: | • PicoCTF 2017: |
| ○ 16 th out of 1657 teams | ○ 5 th out of 820 teams | ○ 18 th out of ~12000 teams |
| • sCTF 2015 Q2: | • neoCTF: | • EasyCTF 2017: |
| ○ 14 th out of 872 teams | ○ 10 th place | ○ 9 th out of 1938 teams |

MATH COMPETITIONS

- 2nd place at Millersville Math Competition
- 3rd place in PA for Purple Comet Competition

LOCKHEED MARTIN CODEQUEST 2017

- 1st place Advanced Category – King of Prussia