

## OBJECTIVE

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To obtain a co-op position, in the Summer of 2017, where I can put to practice the skills learned through my education and work experience to further enhance my knowledge in the Computing Security/Science/Mathematics field.

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## COMPUTER SKILLS

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### Languages

- Proficient in: Python, Javascript, Java, C, MIPS Assembly
- Familiar with: C#, MYSQL

### Software

- Databases: SQL, MongoDB
  - Platforms: Windows, Debian-based Linux, MAC OSX, Cisco IOS, Windows Server 2008/12
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## WORK EXPERIENCE

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### Information Technology Technician

Summer 2014, 2015

*Marianapolis Preparatory School*

- Provided first level technical support for the IT Help Desk.
- Performed Server Maintenance
- Built and Maintained a MAC Imaging Server (DeployStudio)
- Developed multiple dorm networks and monitoring stations for troubleshooting network outages
- Designed and implemented a wireless upgrade to the Main Building

### Junior Security Engineer

Summer 2016

*KeyW Corporation*

- Performed Java Reverse Engineering for security assessment
  - Responsible for full-stack development of new assessment tool
  - Propelled user stories into requirements, that could then be delegated
  - Created a RESTful API for a Quantum Random Number Generator
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## RELEVANT COURSE WORK & PROJECTS

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- Implemented an Elliptic Curve Cryptosystem (Java)
  - Wrote a Recursive puzzle solver implementing the Backtracking Algorithm (MIPS)
  - Wrote a load/object module editor for MIPS R2000 (C)
  - Wrote a script to generate Ciphertext from different AES modes and represent them as a PNG (Python)
  - Wrote an implementation of the Pollard's Rho Algorithm (Java)
  - Wrote an Angular2 app that was run in an Electron Environment for Security Assessments.
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## EDUCATION

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### Rochester Institute of Technology

2014-Present

*Rochester, NY*

- BS/MS, Computing Security & BS Computational Mathematics
- Current GPA: 3.60

### Marianapolis Preparatory School

2010-2014

*Thompson, CT*

- GPA: 3.50
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