

# Eric Murphy

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Address  
City, State ZIP

github.com/murph141  
LinkedIn

Phone Number  
Email

## EXPERIENCE

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**DellEMC, *Software Engineer II*** July 2016 – Present  
Santa Clara, CA  
Facilitate data movement to object storage in the cloud  
Created a generic S3 interface for data movement to S3 compatible object stores  
Designed a mock C2S Access Portal to test AWS GovCloud capabilities  
Leverage Domo's data analytics capabilities to locate sales anomalies

**Qualcomm, *Software Engineering Intern*** May 2015 – August 2015  
San Diego, CA  
Designed a testing framework to verify VoLTE and VoWiFi carrier requirements  
Verified Verizon's carrier-specific requirements through my framework  
Progressed to the semi-final round of IdeaQuest, an intern project competition

**Hewlett-Packard, *Networking Intern*** May 2014 – May 2015  
Palo Alto, CA / West Lafayette, IN  
Developed an SDN application that monitors network flows  
Participated in the Purdue Pathmaker Program as a student intern

## PROJECTS

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**Eudryptula Challenge, *Player*** December 2016 – Present  
Increase my knowledge of the Linux kernel through various challenges  
Familiarize myself with interfacing to an operating system kernel

**Cryptopals Crypto Challenges, *Player*** November 2016 – Present  
Improve my cryptography knowledge through various programming exercises  
Understand attacks on insecure crypto

**IO Wargame, *Player*** July 2016 – Present  
Exploited computer security issues to progress through different levels  
Broaden my knowledge of low level system security

**Pourover Coffee Maker, *Team Member*** January 2016 – May 2016  
Developed a fully automated coffee maker that interfaced to a phone app via Bluetooth  
Constructed a DC printed circuit board with multiple peripherals

## SKILLS

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**Languages:** C (Proficient), Python (Familiar), Java (Familiar), SystemVerilog (Familiar)  
**Tools:** GDB (Proficient), Git, L<sup>A</sup>T<sub>E</sub>X, Kubernetes (Familiar), Vim  
**Cloud Platforms:** AWS (Familiar), Azure (Familiar)

## EDUCATION

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**Purdue University, West Lafayette, IN**  
Bachelor of Science in Computer Engineering

May 2016