

# CHRISTOPHER WONG

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## Education

### Northeastern University

B.S. Computer Engineering and  
Computer Science, 2019

#### notable courses

Object-Oriented Design  
Database Design  
Algorithms and Data  
Fundamentals of Networks  
Calculus and Physics for Engineers  
Linear Algebra and Differential Equations

### The Haverford School

Class of 2014, Honors Student,  
President of Model UN, Technical  
Theatre Excellence Award

## Skills

### Languages

Python ....  
Java ....  
C++ ...  
HTML + CSS ....  
Javascript ..  
jQuery ..

expert ....  
intermediate ...  
proficient ..

### Frameworks

Flask / Jinja 2 ....  
Bootstrap ....  
React ..

### Databases

MongoDB ....  
MySQL ..

### Infrastructure / Tools

DigitalOcean ....  
Amazon Web Services ..  
Jira / Confluence ....  
Git ....

## Experience

### Autodesk (Summer 2017)

#### Intern, Application Security Engineer

Worked to design and develop secure applications and smart security processes. Tasked with embedding security in the full spectrum of products from inception to deployment and testing. Assessed and responded to threats and thwarted their efforts to compromise products and the they operate in.

### FirstFuel Software (2016 - 2017)

#### Co-op, Software Developer and Energy Analyst

Led the development of an energy analytics platform that enables dynamic energy savings calculations and advanced visualization. Deployed a fully responsive web application and complex data model to complete automation tasks and improve data consistency. Reduced building audit time by 10-12%. Pioneered company usage of single-purpose Python/Flask web applications.

### Nixon Uniform Service & Medical (Summer 2014)

#### Intern, Network and IT Support Analyst

Led an extensive network mapping project to identify areas of vulnerability and single points of failure. Proposed plan to phase out local intranet and physical servers in favor of a cloud based Citrix solution with multi-point VPN access.

### System Solutions, Inc. (2012 - 2014)

#### Intern, Project Manager

Responsible for working with clients to plan and execute dynamic IT solutions. Designed cloud server architecture for large commercial customers. Analyzed start-up ventures to estimate engineering infrastructure needs.

for more projects visit [christopherwong.co/projects](http://christopherwong.co/projects)

## Other

Test Driven Design  
Pair Programming  
Unix / Linux / Bash

Adobe Creative Cloud  
Technical Writing  
Project Management