

# Owain West

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## EDUCATION

### UNIVERSITY OF PENNSYLVANIA BA IN LOGIC, INFORMATION, AND COMPUTATION

Expected May 2019 | Philadelphia, PA  
Cum. GPA: 3.82/4.00 - Dean's List

### ST MICHAEL'S COLLEGE

Grad. June 2015 | Toronto, Canada  
Cum. GPA 4.00/4.00

## SKILLS

### PROGRAMMING

Proficient

Java • OCaml • Python

Familiar

JavaScript • Go • R

Arduino • Ruby • MatLab

### TECHNOLOGY

Word • Excel • PowerPoint •  $\LaTeX$

Git • Unix • Bash • Photoshop

### PERSONAL

Critical Writing • Analytical Thinking  
Leadership • Interpersonal Interaction  
Problem-solving • Teamwork  
Organizational • Media Outreach

## COURSEWORK

### GRADUATE

Formal Logic

### UNDERGRADUATE

Programming Languages & Techniques

Intro to Algorithms

Discrete Math for CS

Multivariable Calculus

Abstract Algebra

Astrophysics II

Critical Writing

### SELF-TAUGHT

Intro Quantum Mechanics

Probabilistic Systems

Set Theory

## LINKS

Github:// [owainwest](#)

LinkedIn:// [owainwest](#)

Facebook:// [owaintwest](#)

Twitter:// [@owainwest](#)

DailyPennsylvanian:// [owain-west](#)

Quora:// [Owain-West](#)

## EXPERIENCE

### UPENN STUDENT FEDERAL CREDIT UNION | INFORMATION SYSTEMS COMMITTEE, SUPERVISORY COMMITTEE

Sep 2015 – Present | Philadelphia, PA

- Enact regular audits to uphold a high standard of business and to comply with Federal banking regulations. Oversee and regulate other core committees.
- Manage the SFCU's online and digital presence, ensure security of sensitive banking information, and entice customers to explore our digital services.
- Maintain and modernize the SFCU's website and electronic forms.

### UPENN | SENIOR INFORMATION TECHNOLOGY ADVISOR

Sep 2015 – Present | Philadelphia, PA

- Solve network and security problems that are beyond the skill of a regular ITA for a body of over 1200 student clients.
- Oversee and coach a team of Information Technology Advisors to deliver solutions to technical issues.

### PENN AEROSPACE CLUB | BALLOON SOFTWARE AND AVIONICS TEAM, OPERATIONS TEAM

Sep 2015 – Present | Philadelphia, PA

- Design and program of experimental balloons sent into near space.
- Analyze past flight data to impact the design of yaw and altitude control mechanisms using PID control theory.
- Liaise with industry sponsors in order to obtain funding as well as host speaker and recruiting events.

### FORD CREDIT CANADA | INTERN - DISCOUNTER

May-August 2016

- Analyze financial documents with a high degree of accuracy using proprietary technical software.
- Diplomatically resolve issues with customers' applications for financing to ensure dealer and customer satisfaction.

### MCHACKS | WINNER, EPIC SPONSOR PRIZE

- Won first prize for best hack using Epic's FIHR database at McHacks 2016.
- Built a Natural Language Understanding model for a disaster-relief platform that contextually replied to victim's distress messages.

### BRIDGE: FRESHMAN MENTAL WELLNESS | FOUNDER

May 2015 – Present | Philadelphia, PA

- Found and develop Bridge, a registered student organization at the University of Pennsylvania that focuses on mental health advocacy and peer support, especially for freshmen.

### ST MICHAEL'S COLLEGE SCHOOL | ROBOTICS TEAM COACH

Sep 2011 – Jun 2015 | Toronto, Canada

- Mentor students to prepare them to compete in FLL Robotics competitions.
- Design and program a fully functional remote-controlled Segway

### THE DAILY PENNSYLVANIAN | REPORTER, PHOTOGRAPHER

Sep 2015 – May 2016 | Philadelphia, PA

- Interact with locally prominent members of the public to develop insightful news pieces which are read and viewed by thousands of people.