

Owain West

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EDUCATION

UNIVERSITY OF PENNSYLVANIA BA IN LOGIC, INFORMATION, AND COMPUTATION

College of Arts and Sciences
Expected Apr 2019 | Philadelphia, PA
Cum. GPA: Not yet available

ST MICHAEL'S COLLEGE

Grad. June 2015 | Toronto, Canada
Cum. GPA 4.0/4.0

SKILLS

PROGRAMMING

Over 5000 lines:

Java • OCaml • Python

Familiar:

Arduino • Ruby • MatLab • JS

TECHNOLOGY

Proficient:

Word • Excel • PowerPoint • \LaTeX

Git • Unix • Bash • Photoshop

Familiar:

Rails • Django

QuickBooks • AutoCAD

LANGUAGE

Proficient:

English • French

Familiar:

Italian • Latin

PERSONAL

Strong:

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

COURSEWORK

Mechanics and Wave Motion
Programming Languages and Techniques
Multivariable Calculus
Critical Writing

LINKS

Github:// [owainwest](#)
LinkedIn:// [owainwest](#)
Facebook:// [owaintwest](#)
Twitter:// [@owainwest](#)
DailyPennsylvanian:// [owain-west](#)
Quora:// [Owain-West](#)

EXPERIENCE

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

Sep 2015 – Present | Philadelphia, PA

- Work on the design, build, and programming of experimental balloons to be sent into near space.
- Currently leading research into PID control systems utilizing the Magnus Effect as a way of achieving controlled descent.
- Liaise with industry sponsors, including SpaceX and Northrup, in order to obtain funding as well as host speaker and recruiting events.

SINGH CENTER FOR NANOTECHNOLOGY | RESEARCH ASSISTANT

Nov 2015 – Present | Philadelphia, PA

- Currently beginning work with **Prof Cain Elliott** to study the creation and application of nanofibre meshes.

WEISS TECH HOUSE | EVENTS ROADMAP COMMITTEE

Sep 2015 – Present | Philadelphia, PA

- Liaise with entrepreneurs and industry leaders to bring high-quality speaker and professional development events to the University of Pennsylvania

UNIVERSITY OF PENNSYLVANIA | INFORMATION TECHNOLOGY ADVISOR

Sep 2015 – Present | Philadelphia, PA

- Solve network and security issues for a body of over 500 student clients. Troubleshoot and analyze wireless issues on a campus-wide network.

ST MICHAEL'S COLLEGE SCHOOL | JUNIOR ROBOTICS COACH

Sep 2011 – Jun 2015 | Toronto, Canada

- Mentored students to prepare them to compete in FLL Robotics competitions.
- Designed and programmed a fully functional remote-controlled Segway

UPENN STUDENT FEDERAL CREDIT UNION | TELLER INTERN

Sep 2015 – Present | Philadelphia, PA

- I interact amicably with customers, uphold brand identity, and handle large sums of money in a trustworthy manner.

BRIDGE: FRESHMAN MENTAL WELLNESS | FOUNDER

May 2015 – Present | Philadelphia, PA

- Bridge is a registered student organization of the University of Pennsylvania, focusing on mental health advocacy and peer support.

THE DAILY PENNSYLVANIAN | REPORTER, PHOTOGRAPHER

Sep 2015 – Present | Philadelphia, PA

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

AWARDS

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| 2015 | Ontario Scholar | Canada |
| 2009 - 2015 | Award for Academic Excellence | St. Michael's College School |
| 2012 | President's Award | St. Michael's College School |
| 2013 | Thomas More Scholar | St. Michael's College School |