Owain West

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EDUCATION

UNIVERSITY OF PENNSYLVANIA
BA in Logic, Information, and Computation
Expected May 2019 | Philadelphia, PA
Cum. GPA: 3.89/4.00 - 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 and Model Theory | A+
Theory of Computation | Ongoing
Intuitionistic and Modal Logic | Ongoing

UNDERGRADUATE
Programming Languages & Techniques | A
Intro to Algorithms | A
Discrete Math for CS | A-
Multivariable Calculus | A
Abstract Algebra | A+
Critical Writing | A-

SELF-TAUGHT
Intro Quantum Mechanics
Probabilistic Systems

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.

UPENN | Teaching Assistant, LGIC 010 (Intro to Formal Logic)
Jan 2016 – Present | Philadelphia, PA
- Hold weekly recitation and office hour sessions for a class of 70 students.
- Deliver lecture when the professor is not available.

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
- Founded and developed 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