

HELEN QU

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EDUCATION

UNIVERSITY OF PENNSYLVANIA | B.S. Candidate in **Engineering, Computer Science**

- **RELEVANT COURSEWORK:** Intro to Computer Architecture, Math Foundations in CS, Programming Languages & Techniques I & II, Engineering Statistics, Partial Diff. Eq., Scientific Computing in MATLAB, Linear Algebra, Mechanics, Electricity & Magnetism
- **CUMULATIVE GPA:** 3.65/4.00

WORK

SOFTWARE ENGINEERING INTERN | Point.io, Spring 2015 – present

- As UI/UX lead, designed and implemented UI of node-webkit installer for Cakewalk audio mixing software.

RESEARCHER | Wistar Institute Gene Regulation Lab, Fall 2013 – Spring 2015

- Designed and ran experiments to understand the molecular function of Alu RNA in age-related macular degeneration.

HACKATHON PROJECTS

VOICEBOX | <http://challengepost.com/software/voicebox> | Top 20 Hack at HackPrinceton Fall 2014

- Chrome extension to voice-activate Gmail – navigate through labels, search for emails, read previews of unread emails, etc.
- Wrote speech synthesis and Gmail UI automation components in Javascript

SMARTBETS | <http://challengepost.com/software/smartbets> | VTHacks Spring 2015

- Web app for running competition betting rooms using Venmo
- Designed and implemented web application (Django + HTML/CSS/JS)

SHAREYO | <http://challengepost.com/software/shareyo> | ChallengePost Staff Pick, Y-Hack Fall 2014

- Chrome extension for sharing the current page via Yo

ACTIVITIES

HEAD OF SPONSORSHIP | PennApps Hackathon

- Raised \$500K in corporate sponsorship in one year for a 1,000-person student hackathon
- Lead a 7-person sponsorship committee

COMMUNITY LEADER | The Dining Philosophers (Penn's undergraduate CS club)

- Started and currently oversee a 250-person community of students interested in hackathons at Penn

WEB DESIGNER / DEVELOPER & PROGRAM ORGANIZER | PennApps Fellows

- Designed and implemented <http://pennappsfellows.com>
- Raised sponsorship, wrote marketing materials, represented at outreach events