

# CHLOE SHEEN

PROGRAMMER, EDUCATOR, STUDENT

## CONTACT

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## SKILLS

**Programming Languages:** Java,

Python, C/C++, Assembly,

Machine Language, Scheme

**Web Dev/Tools:** HTML/CSS,

Dreamweaver, Mathematica,

Audacity, Wordpress, Git

**Spoken Languages:**

Native: English, Korean,

Proficient: Chinese, Spanish

## EDUCATION

### Bryn Mawr College

Bachelor's Degree Computer Science 2019

GPA: 3.61

Relevant Coursework: Systems

Programming (Unix & C

Programming), Speech

Synthesis and Recognition,

Computer Organization,

Programming Languages,

Abstract Algebra, Data

Structures, Discrete

Mathematics, Linear Algebra,

Multivariable Calculus

### University of

### Pennsylvania

Intended Accelerated Masters

Degree Computer and

Information Science 2020

## EXPERIENCE

### Lemma, Inc.

Senior Software Developer

<https://lem.ma>

Jun 2017 - Sep 2017, Jun 2017 - Sep 2017

- Developed an open-source library to more efficiently create commonly used charts and figures in math modules and corresponding practice problems.

- Github: Easy Figures: <https://github.com/lemmalearning/Easy-Figures>

### Educational Technology Services: The Andrew W. Mellon Foundation

Project Manager: Digital Curriculum Intern

May 2016 - Aug 2016

- Received funding from U.S. Department of Education (FIPSE grant) to redesign MyOpenMath tutorials using HTML to be integrated into college-level Calculus, Physics and Chemistry courses.

- Identified problems and proposed alternatives to outdated and costly iClickers to save \$5,300/semester.

- Organized documentation to detail logistics and to streamline implementation of new web-design and video editing software in classes.

### Digital Media and Collaboration Lab

Visual Resources Technical Assistant

Aug 2016 - Present

- Assisted students learning Adobe and web design software including Dreamweaver and Brackets.

- Led a workshop for college faculty on the use of basic video and audio-editing software (Premiere, Audacity) and its impact on future classes.

- Proposed and published documentation for a user-friendly guide to using Adobe Photoshop in the lab.

### TechGirlz

Instructor at Bryn Mawr College

Oct 2016 - Jan 2017

- Led a workshop to middle school girls interested in coding, particularly in HTML and CSS.

- Organized a web design workshop for the Tri-College Consortium (Bryn Mawr, Haverford, Swarthmore).

### Academy of Medicine and Science

Lab Intern and Teaching Assistant

Aug 2014 - May 2015

- Conducted labs and assisted students in analyzing and displaying data using data-management software in a Biotechnology laboratory

## PROJECTS

### Prusa Mendel 3-D Printer (Engineers & Makers)

Aug 2015 - May 2016

[http://reprap.org/wiki/Prusa\\_Mendel\\_\(iteration\\_2\)](http://reprap.org/wiki/Prusa_Mendel_(iteration_2))

- Held weekly sessions to build a physical 3D printer and to develop code corresponding to the device.

- Incorporated LAMP servers into our project in order to facilitate use of device from overseas.

### Blue Bus (PennApps XIV)

Sep 2016 - Present

- Designed an Android application using web scraping to help students easily navigate schedules for the Tri-College bus.

## ACTIVITIES

### Sudo Hoot - Computer Science Club

Aug 2015 - Present

- Organized a web design workshop for the Tri-College Consortium (Bryn Mawr, Haverford, Swarthmore).

- Participated to increase STEM awareness on campus and attended conferences including Women in Technology Summit.

### Bryn Mawr College Self Governance Association

Plenary, Outreach and Communications Committee

Aug 2015 -

Present

- Assisted SGA executive board in event planning and marketing events.

- Organized successful Plenaries.