

CHLOE SHEEN

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chloesheen

Developer, Educator, Student

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Bryn Mawr, PA 19010

EDUCATION

Bryn Mawr College Bachelor of Arts in Computer Science and Mathematics, May 2019

Relevant Coursework: Theory of Computation, Analysis of Algorithms, Systems Programming, Speech Synthesis and Recognition, Computer Organization, Principles of Programming Languages, Abstract Algebra, Linear Algebra

EXPERIENCE

BSD Code and Design Academy, Instructor [HTML, CSS, JS] June '18 - Present

- Designed and taught three courses using curriculum for intermediate HTML, CSS, and JavaScript at Hill Top Preparatory School for high school students with learning disabilities.

Haverford College, Research Assistant [Python, C++, Scheme, Perl] Jan '18 - August '18

- Contributed to the drafting and finalization of lab assignments using Festvox to be incorporated into Professor Jane Chandlee's Speech Synthesis and Recognition (CMSC 208) course.
- Assisted with Professor Chandlee's speech synthesis research at the Speech Research Lab at the Center for Pediatric Auditory and Speech Sciences at the DuPont Hospital for Children.

Lemma, Inc., Senior Software Developer [Python] Jun '17 - Sep '17

- Developed an open-source library (<https://github.com/lemmalearning/Easy-Figures>) to more efficiently create commonly used charts and figures in math modules and corresponding practice problems.
- Implemented Agile development in a startup environment and served as the scrum master.

TechGirlz, Instructor at Bryn Mawr College [HTML, Java] Oct '16 - Jan '17

- Led a workshop for 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).
- Participated to increase STEM awareness on campus and attended conferences including Women in Technology Summit.

Andrew W. Mellon Foundation, Digital Project Manager [HTML] May '16 - Aug '16

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

PROJECTS

Prusa Mendel 3-D Printer (Engineers & Makers)

- Held weekly sessions to build a physical 3D printer, led monthly workshops to learn SolidWorks, and incorporated LAMP servers into our project in order to facilitate use of device from overseas.

Blue Bus (PennApps XIV)

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