CHLOE SHEEN

chloesheen
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Developer, Educator, Student   seeking NLP research internships
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EDUCATION

University of Pennsylvania   Master of Science in Computer Science, May 2021

Bryn Mawr College.   B.A. in Computer Science and Mathematics, *Magna Cum Laude,* May 2019
 [Thesis: *Algebraic Characterization of Regular Languages*, advised by Prof. Steven Lindell]
   Relevant Coursework: Concurrency and Co-design in Operating Systems, Theory of
   Computation, Computational Linguistics, Analysis of Algorithms, Mobile Development,
   Speech Synthesis and Recognition

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 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).

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

Rahul Kotak Foundation [Android development]
· Developed an Android application to provide real-time updates on attendance data in multiple
schools in the slums of to cook appropriate amounts of githeri each day
· Fully integrated into the organization, significantly reducing waste; the organization has been able
to lower the cost of feeding each student to just $3 per month.

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.