STEPHANIE CLELAND

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EDUCATION

Tufts University, Medford, MA
Bachelor of Science in Computer Science and Community Health, May 2016
GPA: 3.64, Dean's List 7 of 8 semesters, *cum laude*

RELEVANT COURSES

Computer Science: Data Visualization, Mobile Medical Devices & Apps, Data Structures, Discrete Mathematics, Web Programming, Programming Languages, Multivariable Calculus, Computational Theory, Algorithms
Community Health: Introduction to GIS, Advanced GIS, Epidemiology, Issues in Global Health, Field Methods for Global Health, Water, Sanitation & Hygiene Seminar, Introduction to Health Statistics, Science & the Practice of Medicine

WORK EXPERIENCE

athenahealth, Watertown, MA
Product Analytics Associate, athenaClinicals Performance & Analytics, October 2017 – present

- Support multiple teams by developing metrics, running analyses, and synthesizing complex data to understand the performance, adoption, and usage of athenaClinicals to inform and solve business decisions and problems
- Perform data-driven research and analysis using Python, SQL, and Excel, along with extensive knowledge of the internal database, to drive strategic product development and client performance to achieve business results
- Provide guidance on which metrics to track for certain features based on industry standards and overall impact

Product Management Associate, athenaClinicals Task Awareness, September 2016 – October 2017

- Developed streamlined solutions and helped execute customer-centric projects to enhance clinicians' experience using documents and completing tasks in their patients' electronic health records
- Performed data-driven research and analysis to inform feature requirements and understand feature usage

Community Assessment of Freeway Exposure and Health (CAFEH) Study, Boston, MA
Research Intern, Tufts University School of Medicine, January 2016 – May 2016

- Conducted statistical analysis on air quality and blood biomarker data to test for associations between ultrafine particles and adverse health outcomes among the Puerto Rican community living near highways in Boston
- Summarized and presented findings through tables, visualizations, and writing
- Co-author on Brugge, D., et al. (2017). Lessons from in-home air filtration intervention trials to reduce urban ultrafine particle number concentrations. *Building and Environment, 126*, 266-275.

Tufts Department of Computer Science, Medford, MA
Lab Leader & Teaching Fellow, Introduction to Computer Science, January 2014 – May 2016

- Led multiple lab sections and taught and reinforced new computer science concepts to students
- Held office hours and graded projects to help students further their understanding of C++ and programming
- Organized and led workshops to provide students with additional help and practice with course material

Microsoft Operating Systems Group, Microsoft; Redmond, WA
Program Manager Intern, Camera & First Party Engineering, May 2015 – August 2015

- Researched, planned, and helped develop and test a Windows API for an enhanced HDR scene analyzer, to be used for the implementation of Auto-HDR in first- and third-party applications on Windows' devices
- Streamlined the process of self-hosting first-party devices to prepare the Windows mobile platform for release

SKILLS & AWARDS

Languages: C++, C, Java, SQL, Python, HTML, CSS, Javascript, Swift, Pure Data, Processing
Software: STATA, ArcGIS, Jupyter, Xcode, Microsoft Visual Studio, Adobe Creative Suite
Awards: Best in Show at the 2016 Tufts GIS Poster Expo, 2015 Grace Hopper Celebration Scholarship Grant Recipient

VOLUNTEER EXPERIENCE

Science Club for Girls, *Mentor for after-school science club for elementary school girls,* January 2017 - present
TEDxTufts, *Founding Member & Core Organizer of Independently Organized TED event*, October 2014 – May 2016
Peer Health Exchange, *Senior Health Educator*, September 2012 – May 2014