Kendra Lockard

CONTACT
klockard@oberlin.edu
(415) 786-4893

EDUCATION

Oberlin College
B.A. in **Computer Science**

Minors in Environmental Studies, Dance	Major GPA: 3.9/4.0
Expected December, 2019	Overall GPA: 3.7/4.0

Coursework: Advanced Algorithms, Artificial Intelligence, Computer Architecture, Data Structures, Discrete Mathematics, Environmental Psychology, Human Computer Interaction, Programming Abstractions, Sustainable Cities, Systems Programming, Theory of Computation

TECHNICAL SKILLS

Proficient: Python, Java, Ruby on Rails, HTML, CSS
Familiar: JavaScript, C, Scheme

EXPERIENCE

TEECOM Engineering Firm   **May 2019 - current**
Software Developer
- Develop *Pursuit One*, an internal web app used to collect and standardize information associated with project pursuits
- Reduces need for human oversight by creating specialized workflows, automating repetitive and error-prone tasks, and maintaining references to historical projects
- **Technology/Tools:** Ruby on Rails, Elm, JavaScript, HTML, CSS

Oberlin College Computer Science Department   **Feb - Dec 2018**
Computer Lab Assistant
- Tutor students taking courses in Intro to Computer Science, Data Structures
- Lab topics include data structures, Linux/Unix commands, object oriented programming, recursion, inheritance, basic machine learning in Python and Java

UCSF Cardiovascular Research Institute   **Jun - Aug 2016**
Research Intern
- Investigated potential solutions to pulmonary fibrosis
- Designed experiments, maintained and analyzed cell cultures

LEADERSHIP & PROJECTS

Web Development Course – Instructor   **Sep - Dec 2019**
Leading a 2-credit course at Oberlin College on web development. Course is focused primarily on front-end development with introductory exposure to back-end.
- **Technology/Tools:** Javascript, HTML, CSS, Firebase, Vue

OSCA Hub – Website   **Jun 2019 - current**
Mobile-friendly website to increase functionality and accessibility of the Oberlin Student Cooperative Association (OSCA). Includes features to help co-opers trade shifts, view workcharts, post meal menus and announcements.
- **Technology/Tools:** Ruby on Rails, JavaScript, HTML, CSS

AWARDS

- **John F. Oberlin Scholarship**: Awarded to top 10% of incoming class.
- **Clare Boothe Luce Scholarship**: Awarded grants for a mentored research experience and travel to CHI Conference 2019 in Glasgow, Scotland.