

ELLEN VAN WYK

User Experience Designer

230 Carmel Ave
El Cerrito, CA 94530
206.718.0867 | ejvw@berkeley.edu
ellenvanwyk.github.io

EDUCATION

University of California, Berkeley – Master of Information Management and Systems 2016 (anticipated)

Relevant Courses: Information Visualization, Web Programming, User Experience Design, Distributed Computing

University of Washington, Seattle – Bachelor of Science, Neurobiology 2013

University of Washington, Seattle – Bachelor of Arts with Honors, Interdisciplinary Visual Arts 2013

WORK EXPERIENCE

UC Berkeley School of Information / Fall Semester 2015 **Berkeley, CA**

Graduate Student Researcher for Tapan Parikh

- Collaborated on experimental design and protocol for a study on youth interpretations of data
- Designed and built a site for research group in support of research efforts

Amazon.com / Summer 2015 **Seattle, WA**

User Experience Design Intern - Amazon Marketing Services

- Conducted and compiled research on user population and competition
- Developed high fidelity prototype in Axure for testing with 7 AMS users
- Analyzed user study results and finalized design of system scheduled for release in early 2016

University of Washington Computer Science Department / 2013 -2014 **Seattle, WA**

Research Assistant - Facial Expression Research Group

- Wrote sections of research paper submitted to SIGGRAPH Asia, including facial expression psychology and math related work sections, that received positive feedback from paper reviewers
- Developed components of math model in MATLAB that were integrated into Maya plugin prototype, using PCA, interactive visualizations, multivariate regressions, clustering, and crowd-sourced data
- Designed, analyzed in MATLAB, and presented user study experiment for SIGGRAPH Asia paper
- Presented related work and math research weekly to an interdisciplinary team of artists and computer scientists

TEACHING & LEADERSHIP EXPERIENCE

UC Berkeley School of Information / Spring Semester 2015 **Berkeley, CA**

Tutor - Interface Aesthetics

- Supported lecture development, critiqued student work, and organized course materials for graduate design class

UC Berkeley Code 510 / Fall 2014 - present **Berkeley, CA**

Mentor for High School Students

- Supported high schoolers developing a game in Javascript in weekly meetings
- Contributed to paper on Code 510 outcomes led by Sarah Van Wart submitted to ICER 2015

University of Washington Undergraduate Neuroscience Journal Grey Matters / 2012 - 2014 **Seattle, WA**

Cofounder and Editor

- Recruited and connected art students with authors in the sciences to produce editorial illustrations
- Raised \$3,000 for journal and established mentorship relations in neurobiology department
- Established an ongoing community of over 50 members and bi-annual print and online publications
- Contributed articles and editorial illustrations about current issues in neurobiology

AWARDS & CERTIFICATIONS

Mary Gates Leadership Scholarship

Robert C. Byrd Scholarship

National Merit Commended Scholar

Certified Natural Science Illustrator (2014)

SKILLS & SOFTWARE

Adobe Photoshop and Illustrator, Justinmind

Autodesk Maya

HTML, CSS, Python and MATLAB

Painting and Drawing