Annie Lin

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EDUCATION

University of California, Davis   **Davis, CA**
B.S. Computer Science, Minor in Psychology   2015 - 2019
Honors: Deans List Spring 2018, Winter 2019   GPA: 3.62

RESEARCH EXPERIENCE

UC Davis - Undergraduate Research Assistant CSC Lab   4/18 - 7/19
Memes: Understanding Their Effects and How They Shape the Lives of Facebook Users
- Conducted an independent Qualitative study, under the supervision of Professor Hao-Chuan Wang, focused on social computing and the social media phenomena of meme communication on Facebook
- Designed a comprehensive set of Interview questions to gauge Facebook users' engagement and motivation regarding meme usage
- Iteratively coded interview transcriptions to discover the user motivation and developed important coding skills in the process
- Submitting research paper in CHI 2021, a conference in the field of Human-Computer Interaction

Understanding Social Preference Effects in E-Commerce Using Behavioral and EEG Metrics
- Worked with startup Looxid Labs partnered with CSC Lab in developing a Quantitative research study using VR headsets to study preferences in the ways Amazon products were presented
- Developed IRB Protocol to ensure the research study could be approved to use participants
- Participated in helping the main postdoctoral researcher develop ideas for research design and finalize the paper before submission

WORK EXPERIENCE

Varian Medical Systems - Enterprisewide Programmer Analyst   7/19 - present
- Implemented and updated various components on Varian's field service application with the Salesforce Development Platform
- Created test files for each component I implemented for code validation
- Analyzed business problems and requirements to design cost effective and suitable solutions

Chance Finance - UX Researcher Intern   4/19 - 6/19
- Collaborated with other interns to design a Qualitative Interview study to determine the most useful features for the financial mobile app
- Iterated upon interview questions to gauge whether potential users could be affected by cognitive biases related to money
- Brainstormed UI/UX ideas that could be incorporated into the mobile app
- Gained knowledge in product-driven research

MAXIMUS - Systems/Software Engineering Intern   5/18 - 8/18
- Designed and implemented a section on a health insurance appeal system for MAXIMUS customers with Java, AngularJS, Spring MVC

- Gained knowledge about data population, SQL mappings, and multiple testing lifecycles

Varian Medical Systems - Test Automation Intern   6/17 - 9/17
- Designed automated test scripts for enterprise applications between the company and customers to ensure smooth performance of applications
- Developed Python scripts to parse through big data of Varian's products in order to optimize the next generation of Varian radiotherapy machine products
- Acquired understanding of ERP system, SDLC, and databases and collaborated with Business Development team

PROJECTS

Beanstalk   1/19 - 3/19
- Led front-end development and interaction design for an Instagram-inspired iOS app
- Implemented personal profiles, follower system, picture uploading, likes & comments, and a personal picture map using ReactNative
- Created low fidelity wireframes and high fidelity mockups using Adobe XD and developed appropriate user personas

Mantis   6/18
- Designed and developed a mobile app to identify colors in Hex, RBG, CYMK from an input image, generate a complementary color palette, and save favorite colors to a personal library
- Created low and high-fidelity prototypes to visualize the user interface and experience
- Implemented interface and interaction design through Ionic Framework, AngularJS, and Apache Cordova

LEADERSHIP

HackDavis - Marketing Director   5/17 - 2/19
- Managed my own marketing team and delegated responsibilities to host workshops and collaborate with campus community
- Collaborated with multiple teams within HackDavis to organize UC Davis' largest student-run event on campus (750+ people)

VOLUNTEER

ACM CHI 2019 - Lanbridge 2019   Glasgow, Scotland
- Provided non-native English speaking presenters at CHI 2019 with an option to have a live transcription in their Q&A session as a reference to help them with verbose questions
- Selected by Professor Hao-Chuan Wang to design the protocol for other student volunteers on how to carry out transcription during a live session

SKILLS

Programming Languages: C/C++, Python, Java, HTML, CSS, Javascript, Apex, R, MATLAB
Tools: UNIX, Linux, Git, Salesforce Lightning Platform, Adobe XD, MS Excel, MS Powerpoint, MS Word
Research Methods: Heuristic Evaluation, Persona Development, Survey Design, Data Collection, Interviewing, Prototyping