Carla Castillo

carla23@uw.edu

Education

Present 2020	University of Washington Seattle, WA Doctor of Philosophy (Ph.D) Candidate, Human Centered Design & Engineering Advisor: Sean Munson
2020 2015	California State Polytechnic University, Pomona Pomona, CA Bachelors of Science (B.S.), Computer Science Minor: Psychology

Skills and Qualifications

Interests	Human Computer Interaction (HCI), Personal Informatics, Behavior Change, Health Promotion, Managing Health Conditions, Designing for/with Communities of Color
User Research	Surveys, Semi-structured Interviews, Field Studies, Observation, Contextual Inquiry, HCI, Participatory Design
Data Analysis	Qualitative Data Analysis (e.g., coding, thematic analysis, affinity diagraming), Quantitative Data Analysis (e.g., with R, Python, Pandas, Seaborn)
Technical	JAVA, C++, HTML/CSS, Javascript, PHP, Python, SQL ,Git/Github, Tableau, D3, Figma, Miro Word, PowerPoint, Excel, Google Doc, Google Sheets
Relevant Coursework	User Centered Design, Interaction Design And Prototyping, International User Experience And Communication, Qualitative Research Inquiry And Methods

Research Experience

Graduate Research Assistant, University of Washington

Present Oct 2021	**Digital Tool to Support Type 1 Diabetes Management in Latinx Children** Working with Seattle Children's Hospital to design a digital tool to support diabetes management in newly diagnosed Latinx children with type 1 diabetes Led sessions with parent and children to identify challenges they face, resources they have found useful, and information they would like to receive from a digital tool Prototyped and led the walkthrough of diabetes management scenarios to get feedback on the scenarios and content PI: Catherine Pihoker, MD

Present

March 2021

● **Taking Action From Tracking**

Studying personal informatics stage based model to understand how insights from tracking lead users to take action in three tracking domains: health, physical activity, and finance

Designed and led surveys, interviews, and analysis of data using affinity diagramming

Advisor: Sean Munson

Present

Sept 2020

● **Goal-Directed Migraine Tracking**

Co-led the preparation, interviewing, and analysis to understand and support patients and providers tracking goals

Analyzed patients tracking data and prepared data visualizations using Tableau based on patients personalized tracking routine and data types

Advisors: James Fogarty & Sean Munson

Undergraduate Research Assistant, Cal Poly Pomona

May 2020

March 2018

● **Multilingual Search User Behaviors, HAPII Lab**

Helped develop and co-led a user study on a multilingual search system

Used machine learning models to predict what language a user's query will be in based on topic

Advisor: Ben Steichen

Work

June 2019

Aug 2019

● **QA Intern, Internet Brands, El Segundo, CA**

Created and executed tests on a number of different websites and products such as Lawyer.com

Developed and executed automated test scripts and assist developers with issue analysis

May 2019

Sept 2017

● **Students Support and Equity Programs Peer Advisor, Cal Poly Pomona**

Mentored 1st year college students on how to navigate through the school and resources available to them

Input and analyzed data from advising sessions of native and transfer students to improve student retention

Aug 2018

July 2018

● **State Capitol Intern, Comcast Fellowship, Sacramento, CA**

Interned in office of California State Assembly member Jim Beall (SD 15 Cupertino, San Jose)

Worked in fast-paced legislative office; assisted constituents, departments and lobbyists

Communicated legislative strategies in support/opposition of bills and saw them through the legislative process

Involvement

July 2023

● **CLYLP (Chicano Latino Youth Leadership Project), CSU Sacramento - Facilitator**

Guided and mentored 10 students, fostering leadership and civic engagement.

Facilitated small group discussions, creating inclusive spaces for diverse viewpoints.

June 2023

Mar 2023

● **Google CS Research Mentorship Program**

Being mentored and supported towards my pursuit for higher education
Getting guidance on research related topics

June 2020

Aug 2019

● **SHPEtinas Committee Member, SHPE, Cal Poly Pomona**

Collaborated with committee members on ideas for women empowering events to help combat the feelings of imposter syndrome and well as support them in their career goals

June 2020

Oct 2021

● **Ignite, Cal Poly Pomona - Peer Counselor**

Used MIT App Inventor and Microsoft MakeCode website to teach middle school students principles of code

July 2018

June 2018

● **Let's Code!, Baldwin Park Teen Center   - Instructor, Founder**

Designed and led an introductory Computer Science program for junior and high school students

Implemented project-based learning through Jimbo robots to teach fundamentals of programming

June 2018

Oct 2017

● **she++ Ambassador, Stanford - Ambassador**

Introduced students to CS and dismantle negative stereotypes surrounding technical careers

Promoted CS education by hosting Scratch and robotics workshops in the Pomona Unified School District

June 2016

● **CLYLP (Chicano Latino Youth Leadership Project), UCLA - Peer Counselor**

Directed students for a weekend of culturally enriching seminars and coordinated travel between sessions

Participated as a panelist in a college workshop for first-generation college Latino high school youth

Publications

Steichen, B., **Castillo, C.**, Scroggins, K. Personalized Multilingual Search - Predicting Search Result List Language Preferences. Proceedings of the 28th international conference on User Modeling, Adaptation, and Personalization (ACM UMAP 2020).

Talks and Presentations

Nov 2019   **Castillo, C.**, Scroggins, K., Steichen, B. Supporting Multilingual Users Through Personalized Multilingual Search. Southern California Conferences for Undergraduate Research, San Marcos, CA, USA, November 2019

March 2019   **Castillo, C.**, Chen, K., Steichen, B. Towards Multilingual Search – Gathering Multilingual Query Logs using Crowdsourcing. Western Regional Honors Council Conference, Bozeman, Montana, USA, March 2019.

Teaching Assistant

Fall 2023   HCDE 318 Introduction To User-Centered Design, University of Washington

Spring 2023   HCDE 512 International User Experience and Communication, University of Washington

Spring 2022   HCDE 524 Programming Concepts, University of Washington

Fall 2021   HCDE 519 Qualitative Methods, University of Washington

Recognition

Avanade 15 for 15 Scholar, AnitaB.org Scholar, STEM Advantage Scholar, Ronald E. McNair Scholar, Code2040 Ambassador, TECHNOLOchicas Ambassador, Ford Foundation Fellowship 2022 Honorable Mention