

E MALCOLM COX

(310) 619 5704 ♦ ecox4@toromail.csudh.edu

EDUCATION

California State University, Dominguez Hills

Undergraduate Psychology

Minor in Information Systems

McNair Scholar

August 2016 - May 2019

Overall GPA: 3.0/4.00

TECHNICAL STRENGTHS

Computer Languages

R, Java(In Progress), Python(In Progress)

Software & Tools

LaTeX, Excel, SPSS, RStudio, Alteryx, Tableau

RESEARCH INTERESTS

Human Computer Interaction

User Experience Research

Ubiquitous Computing

Accessibility

Wearable Devices

EXPERIENCE

CSU Dominguez Hills

August 2016 - 2017

George Marsh Applied Cognition Lab - Research Assistant

- Developed and distributed survey
- Collaborated with under students with weekly meetings and bi-weekly meetings in GMAC lab
- Literature Review
- Collect data and ran statistical analysis in SPSS
- Developed APA style graphs and presentation
- NIH and FERPA Certification
- Presented at student research day

CSU Dominguez Hills

2017-2018

McNair Scholar - Research Assistant

- Developed and distributed survey
- Collaborated with under students with weekly meetings and bi-weekly meetings in GMAC lab
- Analyzed data, conducted cross tabulations and presented data trends in SPSS
- Presented at student research day
- Presented at WDSI Conference in Hawaii 2018
- McNair Writing sample

Indiana University

2018

NSF Summer REU

- Worked with faculty mentor and graduate students to conduct cross-computing research
- Literature review
- Weekly meetings with fellow researchers and graduate mentors to discuss project timelines
- Conducted summer computing camps with older adults and girl scouts using paper circuits and LilyPad Arduino
- Developed pre and post survey
- Conducted participatory design sessions with older adults using Garmin Activity Trackers
- Designed data visualization mockup based on participatory design session in Java
- Qualitatively analyzed data
- Transcribed workshop recordings
- Presented and won prize at summer research symposium
- NIH and CITI Certification
- Produced ACM formatted paper using LaTeX
- Learned basic R and Java Programming

CSU Dominguez Hills

2018- Present

Dymally African American Political and Economic Institute- Research Assistant

- Literature review
- Weekly meetings with PI
- Survey construction and distribution
- Analyzed data, conducted cross tabulations and presented data trends in SPSS and Excel
- Presented and won best paper at Southbay Economic Forecast Institute
- Will present at student research day

ACADEMIC ACHIEVEMENTS

Joined CSUDH Assesment Lab in 2017

Joined George Marsh Cognition Lab in 2017

Awarded McNair Scholarship in 2017

Conducted NSF research at Indiana University summer 2018

Won best paper and \$200 prize at SouthBay Economic Forecast Institute

CSUDH Student Research Day 2nd Place winner \$ 200

RELEVANT COURSES

Core Courses

Psych 330 Intermediate Statistics
Psych 331 Measurements in Psychology
Psych 490 Senior Seminar
McNair 395 : Research, Writing and design

Other Courses

Database Systems
Systems Analysis & Design
Intro Programming For Data Analysis
Internet Literacy

POSITION OF RESPONSIBILITY

CSUDH- BSG Game Tutor

August 2017-Present

COLLEGE OF BUSINESS ADMINISTRATION & PUBLIC POLICY

- Assisted MBA and undergraduate students on Business Strategy Game (BSG)
- Held office hours for in person and online tutoring
- Held guest lectures & assisted Professors with student assignments