CHRISTIE CHANG

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EDUCATION

Carnegie Mellon University
Pittsburgh, PA | August 2019

B.S. in **Information Systems**
Minors: **Human-Computer Interaction**
and **Engineering** Studies
GPA: 3.72 / 4.0

SKILLS

Programming
Java, Python, HTML5, CSS,
JavaScript, Arduino

Tools
Photoshop, Illustrator, InDesign,
Dreamweaver, SolidWorks,
Sketching/Drawing

COURSEWORK (current*)

Mobile Web Design and Development*,
Intro to Data Structures*, Accessibility:
Building Future User Interfaces*,
Organizational Intelligence in the
Information Age*, Fundamentals of
Programming & C.S., Interaction Design
Overview, Rapid Prototype Design,
Humanoids

INVOLVEMENT

**University Leadership Student
Advisory Council**
Fall 2017 - Present
· Advising senior leadership in transforming
  the CMU student experience

Chief Officer of Collaboration
Student Body Cabinet | Fall 2017 - Present
· Focusing on increasing interdisciplinary
  collaboration and student project ventures

Vice President of Communications
Delta Gamma Fraternity | Jan 2017 - Present
· Managing weekly chapter meetings,
  emails and communication both inside and
  outside the chapter

Orientation Leader
August 2017
· Help with coordination of staff and first-
  years during orientation week

Design and PR Manager
Jan 2016 - Dec 2016 | Soundbytes A Cappella
· Designed posters and FB covers for
  upcoming concerts

EXPERIENCE

Web Development & UX Design Intern, ComYoot
Competitive Analysis, User Studies, UX Design | September 2017 - Present
· Working to improve website, including interface design, layout,
  images, and overall message the company aims to convey
· Conducting competitive analysis and user studies to collect
  benchmark research

HCI Research Intern, Human-Computer Interaction Institute
Java, Data Analysis, User Studies | April - August 2016
· Worked in Java to analyze and organize data files that show
  aggressive and non-aggressive driving habits. Files are used in
  driving simulation app that depicts these behaviors.
· Ran user-studies with app and analyzed results to see if users
  can distiguish aggressive from non-aggressive driving

PROJECTS

Collaboration Website, Mobile Web Design Course
HTML5, CSS, Wireframing, Photoshop | Fall 2017
· Designed and built a collaboration website compiling hackathons
  events and programs related to startups and entrepreneurship

Designing Mobile Information Systems, Interaction Design Course
Illustrator, InDesign, InVision, Wireframing, Prototyping, Research, UX Design | Fall 2016
· Designed a mobile app interface that facilitates communication
  between customers and home-service providers (i.e. technicians)
· Conducted interviews for both home-service customers and
  technicians as well as usability testing for the app

Dashboard Design, Interaction Design Course
Illustrator, After-Effects | Fall 2016
· Designed a dashboard (single, non-scrolling interface with simple
  animations allowing viewer to process and understand information
  at a glance) that displays critical road signs for PennDOT officials

Capture & Create: Sketch Editing Program, 15-112 Course
Python, Open-Source Computer Vision | Spring 2016
· Created a program that allows users to capture drawings via
  webcam as well as edit and add to their drawings. With the
  computer vision technology, users have the capability of combining
  sketches that were originally drawn separately
· Link: https://www.youtube.com/watch?v=PwKq9FdEJ1M&t=8s

ACHIEVEMENTS

Published Academic Paper
Co-author of "Leveraging Human Routine Models to Detect and Generate
Human Behaviors." Published in *Proceedings of the 2017 CHI Conference on
Human Factors in Computing Systems* (CHI '17). [25% acceptance rate]

Dean's List
Spring 2017, Fall 2016