

CHRISTIE CHANG

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EDUCATION

Carnegie Mellon University

Pittsburgh, PA | 2015-2019

B.S. in **Information Systems**

Minors: **Human-Computer Interaction**
and **Engineering** Studies

GPA: 3.72 / 4.0

SKILLS

Programming

Java, Python, HTML, CSS,
JavaScript, Arduino

Tools

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

COURSEWORK

Mobile Web Design and Development,
Intro to Data Structures, Accessibility:
Building Future User Interfaces,
Fundamentals of Programming & C.S.,
Interaction Design Overview, Rapid
Prototype Design, Humanoids,
Intro to Computer-Aided Design, Ma-
chine Shop Practice

INVOLVEMENT

Vice President of Communications and Greek Sing Chair

Delta Gamma Beta Nu, Carnegie Mellon

- Set designer and manager for musical,
part of the Greek Sing Fundraising Event

Design and PR Manager (2016)

Soundbytes A Cappella, Carnegie Mellon

- Designed posters and FB covers for
upcoming concerts

Orientation Leader

previously Orientation Counselor (2016)

- Help with coordination of staff and
ensure that first-years have a smooth,
fun transition during orientation week

EXPERIENCE

Web Development & UX Design Intern, ComYoot

Pittsburgh, PA | Current (since September 1)

- 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

Pittsburgh, PA | Spring and Summer 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 distinguish aggressive from non-aggressive driving

PROJECTS

Designing Mobile Information Systems, Interaction Design Course

Illustrator, InDesign, InVision, Wireframing, Prototyping, Research, UX Design

- Designed a mobile app that facilitates communication between
customers and home-service providers (technicians, mechanics)
- 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

- 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

- 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

Fall 2016, Spring 2017