JOSHUA TJONG

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Experience

Digital Instructional Design Assistant @ UCSD Center for Digital Learning — September 2017 - Present

Currently working on UC San Diego's MicroMasters in Data Science. Working to help faculty design new and different learning experiences for learners in and beyond the UCSD campus. Helping design learning goals for online courses, assessments (including peer reviews, formative quizzes, and in-video quizzes), video lecture slides, resources for faculty on various online teaching tools and affordances, setting up course materials on edX and/or Coursera, managing and supporting active online courses, and analyzing courses to make recommendations for improvements.

Research Associate @ Educational Media Foundation — August 2017 - Present

Due to high quality work during internship, a part-time remote position was extended. Continuing work from internship as a research associate at EMF on a part-time basis.

Media Psychology/Research Internship @ Educational Media Foundation — June 2017 - August 2017

Worked alongside Behavioral Researcher in the Strategic Management Department to help the team apply data & research to make important decisions relating to the experience of the company's 14 Million+ listeners. Leveraged UX research, created and analyzed usability studies results, research around trends, competitive analysis, and help design the framework for innovation at the company. Designed a model that helped the company expand its reach and influence. Designed and implemented an original research study… analyzed and visualized data findings to the company's executive board.

Web Developer/ Webmaster @ Cognitive Science Student Association — May 2017 - Present

Member of the Cognitive Science Student Association Executive Board for 2017-2018, working as Web Developer/Webmaster for the association's website.

Labs/Research

Undergrad Research Assistant @ The Design Lab — June 2017 - Present

Member of the CognitiveCanvas Research Project Team under Professor Jim Hollan, Dr. Mary Boyle, and Amy Fox. Working as front-end developer and user researcher.

Undergrad Research Assistant @ Protolab — September 2017 - January 2018

Member of the CommunityCrit Research Project Team under Professor Steven Dow and Dr. Narges Mahyar. Working as front-end developer and user researcher.

Education

University of California, San Diego — Cognitive Science Specializing in Design and Human Computer Interaction, Computer Science and Psychology Minor [Expected December 2018].

Skills

Java, C/C++, HTML/CSS, JavaScript, Bootstrap, Python, Data Analysis, Microsoft Office suite, Apple iWork suite, General IT support/work, UserZoom, Sketch, Invision.

Course Work

Completed: Programming in Java, Programming in C++, Basic Data Structures and Object-Oriented Design, Interaction Design, Software Tools and Techniques Laboratory (UNIX, Linux OS, Shell Scripts, vim, Git, and Version Control Software), Intro to Research Methods, Intro to Statistical Analysis, Discrete Mathematics, Data Science In Practice, General Psychology, Sensation and Perception, Life-Span Psychology, Learning, Memory and Attention, Abnormal Psychology, Cognitive Consequences of Technology, Field Observations: Cognition in the Wild, Mathematics for Algorithms and Systems Analysis, Usability and Information Architecture, Neuroanatomy and Physiology,

Will Complete (by Summer '18): Human Computer Interaction Programming Studio, Advanced Data Structures, Cognitive Neuroscience, and Brain-Computer Interface.