

Olivia Steinmetz

(she/her)

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Education

Vanderbilt University

Class of 2020

BS, Engineering Science

BM, Double Bass Performance

Minor in Engineering Management

Skills

Tools & Technologies

JavaScript

HTML5

CSS3

React

Angular

Node.js

TypeScript

Express

SQL

Figma

Photoshop

Illustrator

Industry Knowledge

UI/UX Methodologies

User Research

Interaction Design

Human Centered Design

Product Development

Design Thinking

Project Management

Human Computer Interaction

Emerging Technologies

Data-Driven Storytelling

AGILE Workflow

Volunteering

Planned Parenthood

Community Outreach Volunteer

Allied Media Projects

Volunteer

Design Justice Network

Node Member

Pro-bono Web Design

Web Developer

Experience

Capital One

Associate Software Engineer (CODA, TDP), 2020 - Present

- Designed and developed accessible, user-friendly internal front and back-end web apps, complex APIs and integrated storage systems using HTML, CSS, JavaScript, React, Angular, Vue, RESTful patterns, and MVC web development framework. Collaborated in teams using AGILE development workflow and Git best practices. Currently working in collaboration with the Social Impact and Investment team to redesign Capital One's Student Banking Project site.

Accenture

Technology Product Analyst, May 2019 - October 2019

- Collaborated with client contacts, Accenture account lead (remote & on-site) to design a \$200,000 co-innovation product proposal & go to market approach for a Virtual Reality Immersive Sales learning pilot that incorporated Accenture SaaS offerings and solutions to drive scale and efficiencies in client processes
- Built client-facing AR applications for design-thinking workshops and exercises using Unity, C#, mobile device camera functions, and image detection software
- Organized & managed 2 week sprints, demos, & Excel pipeline for Augmented & Virtual Reality infused messaging within Accenture

The Mond'ry, Vanderbilt University Innovation Center

Lead Innovation Ambassador and Project Manager, August 2017 - May 2020

- Led curation of over 75 speaker programs, workshops, & meetups bringing the Vanderbilt and surrounding communities together in a collaborative environment
- Appointed as student representative and Project Manager for Design as an Immersive Vanderbilt Experience (DIVE), a university-wide initiative to incorporate Design Thinking methodologies into cross-disciplinary curriculum plans

Projects & Research

Augmented Reality Interactive Cube

- Developed, designed, & delivered an Augmented Reality cube for client-facing design-thinking sessions surrounding Accenture SaaS offerings. Used Unity, C#, mobile device camera functions & image detection software. Conducted end-to-end design process including user need validation, interviews, surveys, wireframing, usability testing, & documentation.

Spotify Data Visualization Web App

- Built a web-based Angular app with Typescript that consumes Spotify Web API metadata to generate a unique "fingerprint" image based upon metrics drawn from user listening trends. Features include a Tinder-style UI to create playlists from recommendations generated from listening data, a fingerprint sandbox to dynamically alter the appearance of the fingerprint, and a social media inspired story feature to view, share, and compare friend profiles.

Forecast & Assessment of Quantum Computing Viability

- Researched technological & societal factors surrounding Quantum Computing technology & its adoption using various forecasting methodologies including Delphi, trend analysis, monitoring techniques, & scenario-based assessments

An Analysis of Blockchain for Social Impact Objectives

- Completed semester long research report analyzing the value add of Blockchain implementation & corresponding social impact industry objectives, presented to students & faculty at undergraduate independent research symposium