

# ANDREW ETHAN YAROS

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## PROFESSIONAL SUMMARY

Savvy software developer and web designer with a relentless drive and high standards for presentation and design aesthetic. Conceptualizes original website design ideas that bring simplicity and user-friendliness to complex design. Oversees production and promotes design guidelines, best practices and standards. Brings excellent visual design skills with sensitivity to user-system interaction.

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## SKILLS

- Object Oriented Programming
- Software Design
- System Architecture
- Software Security
- System Programming
- Software Engineering
- Graphical User Interfaces
- Architectural Design
- Computer Aided Design

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## EXPERIENCE

### DEVELOPER / UI DESIGNER

**JANUARY 2020 - MAY 2021**

#### LORIE.GALLERY • PHILADELPHIA, PA

Developed an artwork gallery website for a professional artist. Design goals included mimicking the aesthetics of a white-cube museum gallery and the creation of a long-lasting portable system with minimal dependencies.

- Programmed a back-end database editor using Python 3 with a locally hosted web-based GUI
- Designed a lightweight, responsive, and visually distinctive front-end UI using Vanilla JS/HTML/CSS.
- Compiled, photographed, and touched-up a large collection of artwork for display on the website.

### DEVELOPER / UI DESIGNER

**JULY 2019 - SEPTEMBER 2019**

#### JPAINT • PHILADELPHIA, PA

Designed and wrote a painting application in Java utilizing the Swing UI toolkit. The finished software was utilized to create an illustration for an ad promoting the program.

- Utilized a model-view-controller architecture for a more easily maintainable design.
- Implemented a palette of customizable tools for painting, filling areas of color, and drawing lines and shapes.
- Planned interface implementation with sketches and the creation of paper prototypes.

## **INTERN**

**APRIL 2019 - JANUARY 2020**

### **CAMPBELL SOUP COMPANY • PHILADELPHIA, PA**

Responsible for defining project requirements, UI design, development and customization of the new HR portal using ServiceNow. This included the creation of user criteria and queries using the Glide Server API.

- Completed cataloging and migration of data from an older portal system; the modularity of the new system allowed for a 66% reduction in the number of pages of content.
- Reduced expenses by \$200,000 annually by eliminating use of a legacy software system.
- Led a training class of 50 HR associates on the usage of the HR portal's back-end.

## **FRONT-END WEB DEVELOPER**

**JUNE 2018 - SEPTEMBER 2018**

### **CHECKERS ONLINE • PHILADELPHIA, PA**

Developed the client-side portion of a client/server model multiplayer checkers game.

- Designed and programmed an HTML5 canvas-based UI, including a landing page for players waiting to be matched with an opponent.
- Coordinated with group members to design GET/POST requests for communicating game state information with the server application.
- Collaborated to create detailed software documentation including a requirements specification document, a software design document, and documentation of test cases.

## **INTERN ARCHITECT**

**JUNE 2015 - OCTOBER 2016**

### **KRIS KOLO, LLC • PHILADELPHIA, PA**

Worked on renovation projects primarily for educational clients, including The University of Pennsylvania, conducting site surveys. Prepared schematic design and construction documents using AutoCAD.

## **TECHNICIAN**

**JANUARY 2013 - JANUARY 2015**

### **DREXEL UNIVERSITY TECH SERV • PHILADELPHIA, PA**

Collaborated with members to troubleshoot computer hardware problems. Facilitated the disassembly, data erasure, and reassembly of computers. Delivered refurbished machines to community organizations.

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# **EDUCATION**

## **B.S. COMPUTER SCIENCE**

**SEPTEMBER 2019**

### **DREXEL UNIVERSITY • PHILADELPHIA, PA**

Concentrations: Software Engineering, Human-Computer Interaction. Minor: Architecture

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# **TECHNOLOGY**

C, C++, Python, Java

Eclipse, Xcode, IntelliJ

Adobe Creative Suite

Linux, macOS, Windows

GIT, Vim, Bash

Trimble SketchUp