Uxmal Cuellar

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EXPERIENCE

Western Sydney University, Kingswood — *Developer*

Jun - Nov 2018

Experience working within a team and with clients to solve a variation of the Hanoi tower puzzle using State-of-the-art Artificial Intelligence and a robotic arm. Worked on the front-end and back-end of the project.

Electron HTML CSS Javascript Vue.js ROS (Robot Operating System) Arduino C++

Studio Something, Balmain — *Photographer*

Mar 2016 - Present

Working independently as a sole trader under Studio Something Photography, this required communicating with clients and working within deadlines to deliver to clients.

self management, time management, communication skills

EDUCATION

Western Sydney University, Kingswood— *Bachelor of Computer Science*

2015 - 2018

Billy Blue College of Design, North Sydney— *Bachelor of Communications Design*

2011- 2014

PROJECTS

GripperBot — *Robotic arm solves Hanoi Tower puzzle*

State-of-the-art Artificial Intelligence software used by our team to solve a variation of the Hanoi tower puzzle. The initial configuration was entered via a GUI created with Electron and Vue.js and the solution was then executed by the PhantomX Pincher (robotic arm).

Electron HTML + CSS Javascript Vue.js ROS (Robot Operating System) arduino C++

SKILLS

Experience with Linux, Mac OS X and Windows operating systems.

Adobe Photoshop, Illustrator and Indesign

Version control with Github

Vim + Tmux

LANGUAGES

C/C++, Python, Java, HTML and CSS, Javascript, SQL, Bash

T-minus — *Countdown timer that uses Google Calendar API*

T-minus is a desktop app created with the Electron framework using HTML CSS for the GUI and Javascript for the backend. Google Calendars API is used to load the users calendar events with Python, from here, the user can then select an event to start counting down to. An Electron module using JSON stores the user's preferences

Electron HTML + CSS Javascript Python JSON

Website — *Personal website*

Personal website designed and built from the ground up with Flask.

Flask HTML + CSS Javascript Python