

Chris Artzoglou

-- Inspired Software Developer

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Programming Experience

Java	7 years
JS	4 years
C	2 years
C++	2 years
Python	2 years
R	2 years
LUA	1 year
C#	1 year
Swift	6 months

Tool Experience

Git	5 years
VS Code	5 years
IntelliJ	4 years
Blender	3 years
Eclipse	2 years
Visual Studio	2 years
Y86	1 year
Aseprite	1 year
Postman	1 year
PgAdmin	1 year
Xcode	6 months
Android Studio	3 months
Power BI	3 months

Database Experience

SQL	4 years
JSON	2 years
PostgreSQL	1 year
XML	1 year
MongoDB	1 year

Work Experience

**05/2022 –
12/2022**

Lead Front End Web Developer

Advice to a Scientist (AtaS) – Vancouver, BC

Initially contracted to create a new search engine for Advicetoascientist.com.

- Designed and implemented front end site features to update look and feel of the website.
- Programmed React interface to navigate PostgreSQL database.
- Created procedural search requests to correspond to selected features.

**12/2021 –
05/2022**

WordPress Developer

CAPS UBC – Vancouver, BC

- Updated and performed upkeep for faculty websites.
- Created video and audio media for the site.
- Created widgets/templates for standardizing pages

**06/2021 –
12/2021**

Tier 2 IT Technician

CAPS UBC – Vancouver, BC

- Setup software management tools to standardize software distribution for devices in the department.
- Deployed network infrastructure within offices.
- Troubleshooted software and hardware computer problems.

**02/2015 –
06/2017**

Tier 2 IT Technician

Staples – Vancouver, BC

Hired as the store technician to repair and setup customer computers as well as sell tech work.

- Fixed hardware and software issues to restore customer devices to working order.
- Built and maintained rapport with business customers to help with business customers tech infrastructure.
- Repaired store computers and systems on failure to get local Staples logging systems back online.
- Delegated tasks and taught at least 8 employees sales techniques to maintain business volume while on-site or off work.

Framework Experience

LOVE	1 year
Node.js	1 year
ReactJS	1 year
ThreeJS	1 year
SciKit-Learn	6 months
PUG	3 months
HTMX	3 months

Education

University of British Columbia
September 2019 to May 2023
Bachelor of Arts
Major in Philosophy
Minor in Computer Science

Langara College
May 2017 to May 2019
Diploma in Computer Science

Projects

Machine Learning Models

All modelled in Python using Pandas and Scikit-Learn

- Made 10 models for discrete and continuous data
- Used a variety of algorithms to predict outcomes of datasets by interpolating data

Lung Lookup Site

Made with HTML and JS, used Rest APIs for lookups

- Simple lookup using 3rd party Rest APIs
- Asynchronous search for foreign keys with a local lookup optimized through strategic classifications
- Made with pure JS and HTML

Personal Website

Made with CSS/SASS, ThreeJS, Mocha, GitHub Actions

- 3D environment made within ThreeJS
- Optimized draw count via InstancedMeshes
- CSS Animation used to make smooth transitions
- REST API lookup system for personal blog
- CI/CD pipeline made with Mocha, GitHub actions

AtaS Search Engine

Made with ReactJS, NodeJS and PostgreSQL

- Created PostgreSQL procedurally query REST API system generated with React
- Styled web service according to Figma specifications

Data Progression App

Made with ReactJS, csv data, and nivo

- Application was developed with functional React
- Uses data from different CSVs to construct graph
- Use states, references, and memos to update elements during animation

Head Tracking Demo

Made using Kinect, Processing/Java and J4

- Used Microsoft Kinect to detect the user's body
- Detected parts of the body used to interact with the play space (bouncing balls, tapping objects)

Receipt Reader

Made with React Native and Google OCR

- Uses camera to scan receipts and text with OCR
- Can be used to store receipts, or to split receipt cost by selecting items
- Developed with agile methodology

Texas Hold 'Em Hand Trainer

Made using Python, and Tkinter

- Used CSVs to generate Texas Hold 'em hands
- Hands use a user defined set of rules to determine if the hand should be folded or raised
- Configs for optimal hands stored in JSON

Dog Search

Console interface made in Node with REST calls

- Made in a weekend as a test for interview
- Distributes dogs to be photographed from time selected
- Caches resources gathered from web

Project Search Site

Website made with HTMX, PUG and Node

- Allows the search of developers, projects, and project leads stored in a JSON
- Uses PUG to create view models, which are distributed by node and queried through HTMX