Patrick Paxson

8561 Burr Lane   prpaxson@gmail.com
San Diego, CA 92129   linkedin.com/in/prpaxson
(619) 908 0202   many.egoslike.us

Experienced in a wide range of computer science topics, from database management to RESTful API to robotics, and interested in exploring even more!

LANGUAGES

C/ C++
Python
Java
C#
JavaScript
HTML
CSS
MySQL
Objective-C
CocoaPods
PHP
SQL
Swift
Assembly Language

OPERATING SYSTEMS

Mac OS
Linux
Microsoft Windows
Android
Chrome OS
iOS

SOFTWARE SKILLS

Amazon Web Services
Git
Testing
REST API
JSON
jQuery
Microsoft Azure
Microsoft Dynamics 365

ADDITIONAL SKILLS

Communication
Research
Mathematics
Leadership
Teamwork
Microsoft Office 365
Presenting
Bioinformatics

EXPERIENCE

SOFTWARE DEVELOPER • Advanced Technologies Integration, Inc.
San Diego, CA ▪ June 2018-Present

+ Developed an iOS digital checkup app with **Objective-C** and **CocoaPods**
+ Created a webpage using Microsoft Dynamics, **JavaScript**, and **CSS**
+ Managed a database and created queries using **PHP** and **MySQL**
+ Created handwriting recognition software with TensorFlow and **Python**

SOFTWARE INTERN • Lone Wolf Development, Inc.
San Diego, CA ▪ May-September 2018

+ Created RESTful API calls with **C#** programs
+ Tested API calls with **HTML** and **jQuery**
+ Researched cloud software and presented a compare/contrast report
+ Developed in a Microsoft Azure test environment using **C#**

COMPUTER ENGINEER • San Diego Robotics 101
San Diego, CA ▪ September 2014- August 2017

+ Developed remotely with Git source control
+ Developed in **Python** and **C++** to create a state machine
+ Constructed a robot using aluminum, PVC

RESEARCH INTERN • Singlera Genomics, Inc.
La Jolla, CA ▪ June-August 2016

+ Chemically prepared blood and feces samples for testing
+ Researched CRISPR DNA sequences for testing purposes

EDUCATION

BACHELOR OF COMPUTER SCIENCE • University of California San Diego
La Jolla, CA ▪ September 2018-June 2021 (Expected)

+ **GPA: 3.84**, Provost Honors, Earl Warren College Honor Society
+ Pursuing minors in General Biology and Music
+ Founder and President of Triton Robosub, a robotics organization
+ Board member of Role Playing Games Club
+ Coursework: Advanced Data Structures (CSE 100), Introduction to Theory of Computability (CSE 105), Basic Data Structures (CSE12), Math for Algorithms and Systems (CSE 21)