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Pascal R. Jardin **|** Poway, CA 92064 **|** 858-472-9511 **|** pjardin@me.com **|** [pascaljardin.com](https://pascaljardin.com) **|** [github.com/pjardin](https://github.com/pjardin?tab=repositories) **|** [www.linkedin.com/in/PascalJardin/](http://www.linkedin.com/in/PascalJardin/)

Full Stack engineer, second generation computer scientist with extensive experience in research and development.

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Bachelor of Science in Computer Science with honors GPA 3.583

California State University San Marcos

Graduating May 2020

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CS 575 MACHINE LEARNING SYSTEMS

CS 481 INTRO MOBILE PROGRAMMING

CS 485 GAME PROGRAMMING

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**Teacher** *January 2020 – Present*

**The\_Coder\_School**  *San Diego, CA*

Currently, I am giving back to the community as a "coder coach" teaching kids how to code Python, Java, HTML, JavaScript, and learn tools such as Blender and Unity. Each student I have to design a curriculum for and tend to each student's individual needs. One student, I am teaching python and another student I am tutoring data structures for their AP class. It's very awarding to see the progress in the students and the yearning for learning.

**Research And Development Engineer** *August 2014 - January 2020*

**JardinLabs**  *Poway, CA*

Shielded was a research project to create a VR EEG headset for network security. Based on the now classified DARPA program, <https://www.fastcompany.com/3001501/darpas-cybernetic-binoculars-tap-soldiers-brains-spot-threats> that used the P300 brain signal. I wrote the Unity code in c# to display the content to the user. I also implemented the sockets between openBCI, which received the brain data, and raspberry pi, which then sent to an Amazon server to process the data.

     Forget Me Not was a research project on creating a way for the users not to forget a memory. For example, one of the most challenging things that a child of an Alzheimer's patient has is if their parent forgets their name. By having a picture display, the child's picture with their name would reinforce that memory. I wrote the socket code that connected "the frame " to an amazon s3 bucket.

     PopTagz, [apps.apple.com/us/app/poptagz/id1265471660?ls=1](https://apps.apple.com/us/app/poptagz/id1265471660?ls=1), is one of my favorite projects. PopTagz is an augmented reality graffiti app that allows you to tag in virtual space. I did the front end and some of the back end using web apps and swift. The selection of tags and drawings of letters used a webpage pulled into swift. Using swift, I was tasked with the augmented reality, getting the current user's GPS location, and getting and putting content to an AWS server.

Through JardinLabs, I was hired to create a Patent web scrapper, to scrap all patents and store it in a database. The database had to have a link to the original license, text, and keywords. With this information, the patent firm was able to search if there were any copyright infringements.

**Full Stack Engineer** *November 2018 - January 2019*

**Graffiti Creator**  *Stockholm, Sweden (Remote)*

Worked for Mike Wigen, A professional graffiti artist and owner of MindGem Graphics and <http://graffiticreator.net> to create an iMessage Graffiti creator app [https://apps.apple.com/us/app/graffiti-creator-stickers/id1449321346?ls=1.](https://apps.apple.com/us/app/graffiti-creator-stickers/id1449321346?ls=1) The first step was to make a webpage to draw the graffiti letters with HTML, CSS, JavaScript, and jQuery. The second step was integrating it into the iMessage app to pull a WebView to display the webpage. Viewing the webpage on the app was done using XCode and swift. Lastly was publishing the app onto the app store through <http://itunesconnect.apple.com>.

**Web Developer** *February 2017 - May 2018*

**Kokua Botanicals** *San Marcos, CA*

Hired to create a website using Wix to sell a nasal spray to help inflammation. <https://wajardin.wixsite.com/mysite>

**3D Printer Technician** *March 2016 - August 2017*

**AccendoWave** *Poway, CA*

Created a magnetic charging station for tables and EEG headbands for AccendoWave, a NON-PHARMACEUTICAL OPIOID ALTERNATIVE. A MakerBot 3d printer printed the parts, while Blender designed the pieces for the magnetic charging station. <https://www.accendowave.com>

**Skills \_\_\_\_\_ \_ \_ \_ \_**

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**• Android** *-4 years*

**• iOS Application** *-3 years*

**• iOS Development**  *-3 years*

**• GitHub** *-5 years*

**• Git** *-5 years*

**• Programming Languages** *-5 years*

**• OOP** *-3 years*

**• JavaScript** *-5 years*

**• HTML** *-5 years*

**• CSS** *-5 years*

**• Python** *-7 years*

**• pytorch** *-3 years*

**• Java** *-5 years*

**• C++** *-5 years*

**• C** *-5 years*

**• Objective-C** *-5 years*

**• C#** *-2 years*

**• Swift** *-3 years*

**• PHP** *-2 years*

**• Ruby** *-1 year*

**• SQL** *-5 years*

**• MYSQL** *-4 years*

**• Computer Vision** *-3 years*

**• augmented reality** *-2 years*

**• virtual reality** *-1 year*

**• OpenCV** *-3 years*

**• dlib** *-3 years*

**• bash** *-4 years*

**• Linux** *-5 years*

**• command line** *-5 years*

**• VIM**  *-3 years*

**• Agile development** *-4 years*

**• APIs** *-4 years*

**• Full-Stack Development** *-3 years*

**• Application Development** *-3 years*

**• Front-End Development** *-5 years*

**• Back-End Development**  *-5 years*

**• Web Services** *-4 years*

**• AWS**  *-1 year*

**• Amazon Web Services** *-1 year*

**• AWS Lambda** *-1 year*

**• AWS DynamoDB** *-1 year*

**• Blender**  *-7 years*

**• 3D Animation** *-4 years*

**• 3D Graphics**  *-5 years*

**• Unity**  *-2 years*

**• NET**  *-3 years*

**• React.js**  *-4 years*

**• Node.js** *-3 years*

**• jQuery** *-5 years*

**• Angular**  *-3 years*

**• Visual Studio** *-3 years*

**• Android Studio** *-4 years*

**• XCode**  *-5 years*

**• Eclipse**  *-2 years*

**• Postman** *-2 years*

**• Unit Testing experience** *-3 years*

**• pyUnit** *-3 years*

**• junit**   *-2 years*

**• swift** *-2 years*

**• cunit** *-1 year*

**• c#** *-1 year*