

Brandon Herbert

45263 Oakville ct.
Temecula, CA 92592

Tel: (951) 795-5784
E-mail: brandon.m.herbert@gmail.com

Education:

Computer Science, Bachelor of Science
California State University San Marcos

August 2014 to May 2018

- C++ tutor and STEM mentor
- Teacher's assistant and grader for CS231 Assembly Language and Digital Circuits
- Software showcase presenter and developer, live demonstrations of web applications and cybersecurity educational software
- Employment Concentration in C++ Programming

Work Experience:

geoConvergence LLC, Bloomington Indiana
Developer

May 2018 to present

- Creating software solutions for GIS related tasks
- REST API development for serving GIS information and application data
- Agile feature implementation for rapid development
- Project manager and team leader, executing and planning GIS projects
- Using geographical information to analyze data, display trends, and market performance
- Server-side scripting creation for data migrations and cloud pipeline management
- MVC architectural implementations for single-page application solutions

Locbit Inc, San Diego California
Jr. Developer

May 2015 to December 2016

- Full-stack IoT application development for cloud automation and expenditure optimization
- Network scripting to bring offline devices onto the IoT network using embedded systems
- Real-time data transfer through sockets for live interfaces and device control
- Created libraries for the IoT platform with PHP and Javascript to streamline development
- Worked directly with clients to create custom-tailored solutions for their IoT needs

Skills:

Development	Javascript, Python, PHP, NodeJS, C++, C, C#
Platforms	Ubuntu Server, Raspian, macOS and Windows
DBMS	MongoDB, Microsoft SQL Server, PostgreSQL, Redis
Frameworks	Angular, AngularJS, CakePHP, Tensorflow
Hardware	Arduino, Raspberry Pi
Misc.	Git, Amazon Web Services