

Janiel A. Martell Colón

33 calle Ciara del Sur,
Vega Baja, PR 00693

787 346 0686
martell.janiel@gmail.com

Education

Arecibo, PR **Interamerican University** **Aug 2016-Present**

- **Major:** Computer Science, B.S (GPA: 3.83).
- **Minor:** Entrepreneurial and Managerial Development.
- **Major Coursework:** Algorithms & Data Structures, Programming Models, Operating Systems, Databases, Information & Cyber Security, Networking, Web Development and UI/UX Design.
- **Minor Coursework:** Entrepreneurship, Business Management, Financial Accounting, Economics, Marketing, HR Administration and Business IT.
- **President** of the Computer Science Student Association (AECC) - **Oct 2018-Present**

Employment

Software Developer **ERDU Project** **Jan 2017-Present**

Develop software based on research and analytics to inform and promote productivity.

- Developed applications for Android and iOS phones.
- Created, normalized and managed large databases.
- Developed Progressive Web Applications (PWA).
- Created and designed Web Pages.
- Leveraged knowledge in HTML5 , CSS3, JavaScript (ES6), Jekyll, PHP7, Java, Kotlin, React Native, Xamarin, SQL, MS-SQL, SQLite, NOSQL, MongoDB, OOP Programming and MVC architecture.

Software Developer **Steven Fowler** **Nov 2018**

Web Scraping ([repository](#)): automate finding influential people on the web.

- Developed a CLI application that finds, follows, retweets, and likes influential people on Twitter by utilizing Twitter's search/tweets API and Python.
- Leveraged knowledge in Python3, Twitter APIs, Twar, Tweepy, SoC design.

Software Projects (github.com/janielMartell)

Call for Code 2018 Global Hackathon ([repository](#))

- Obtained Semifinalist Certificate (Top 10) out of 100k+ developers and 156 nations.
- Implemented Artificial Intelligence to the CONTACT communication platform by developing the Contact API. (contact-app.mybluemix.net)
- Created landing page and documentation for integration and usage of the Contact API.
- Utilized: D3.js, Chart.js, Node.js, Express, Leaflet, Cloudant, Watson: Natural Language Understanding & Tone Analyzer APIs, IBM Cloud, HTML, CSS and Tailwind CSS.

Hackea por una Causa - Oct 2018

- Created social network for non-profit organizations where people could make donations.
- Utilized: Stripe API, JavaScript, Semantic UI, PHP7, CodeIgniter, MySQL, HTML5 and AWS.

Destino Hack 2018 Hackathon - Oct 2018

- Obtained Best Implementation of TripAdvisor Technology and Rising Star Awards.
- Developed Tourism Web Application to fuel the Puerto Rican Tourist Economy.
- Integrated TripAdvisor Content API with ViewPR.
- Utilized: Node.js, ViewPR API and TripAdvisor Content API.

IBM Call for Code: Engine 4 - Aug 2018

- Obtained an award (Top 3) as a prelude to the Call for Code 2018 Global Hackathon.

Meshing with Data Hackathon - June 2018

- Developed a Wallet PWA for currency and cryptocurrency to provide payments without an internet connectivity.
- Utilized: Service Workers, Background Sync API, Bootstrap, AWS (Cloud9), Firebase, and QR codes.

Bayamón Smart City IoT Hackathon - Aug 2017

- Obtained **second place** by creating and demonstrating an IoT and Machine Learning powered alternative to save energy and provide security.
- Utilized: Azure, Python, C, C++, Machine Learning (OpenCV), Arduino, Raspberry Pi.

Technical Training

Azure Over OSS/SQL by Microsoft Puerto Rico - Nov 2018

Workshop about open source software on Azure, Virtualization, Linux Virtual Machines, Geo-Replication, Containers (Docker), Container Orchestration (Kubernetes and OpenShift), SQL Server (Linux), MySQL, CosmosDB and PostgreSQL.

Microsoft 365 and SharePoint Saturday by Microsoft Technical Community - Nov 2018

Technical sessions focused on Microsoft Cloud offerings like Azure Cloud Services, Office 365, PowerApps, SharePoint, Flow, The SharePoint Framework (SPfx), etc.

Arduino Day by Makerspace PR - Apr 2017

Training of Internet of Things, C and Arduino fundamentals in UPR Mayagüez.

Skills

- **Bilingual** in Spanish and English
- **Languages**: JavaScript, C#, Python, TypeScript, Java, HTML, CSS, SASS & SCSS, C++, C, PHP, Kotlin.
- **Databases**: SQL, MS-SQL, SQLite, NOSQL, MongoDB, CosmosDB, Cloudant, SQL Server, MySQL and PostgreSQL.
- **Cloud**: Amazon Web Services (AWS), Azure, Firebase and IBM Cloud.
- **Interests**: Data Science, Machine Learning, AI, Blockchain, IoT, Arduino and Raspberry Pi.
- **Software**: Git, Postman, Docker, Kubernetes, OpenShift, Jekyll, Android Studio, Visual Studio, Atom, Xamarin Studio, G Suite and Microsoft Cloud offerings (Word, PowerPoint, SharePoint, Excel, PowerApps, Flow, SPfx).
- **Operating Systems**: Linux (Ubuntu, Fedora, Ubuntu Server and RedHat), Windows (XP-10) and macOS.
- **Frameworks**: React, Vue.js, Angular, Express, React Native, Xamarin, Tailwind CSS, Materialize, Semantic UI, Bootstrap, Normalize.css, Construct.css and CodeIgniter.