

Justin Guyton

 hello@justinguyton.com | github.com/JGuyton | linkedin.com/in/guytonjustin

Focused and quick-learning Software Engineer with professional experience creating decentralized web applications. I enjoy creating impactful applications while educating the larger community on emerging technologies. Computer programming is my creative outlet, I use different languages as a toolset to visualize whatever ideas come to mind.

AREAS OF INTEREST & SKILLS

Blockchain & Cryptoeconomics | Smart Contracts | Front-End Development | Modular Object-Oriented Design
Data Visualization | Natural Language Processing | Project Management

Python | Javascript | Solidity | HTML | CSS | Postgres | React | NodeJS

EDUCATION & CERTIFICATION

Bachelor of Science in Computer Science

Aug 2014 to May 2018

WASHINGTON UNIVERSITY IN ST. LOUIS, MISSOURI

- **Awards:** 2014 McKelvey Scholar, TriO Student Scholar
- **Involvement:** Residential Advisor (2 years), National Society of Black Engineers (NSBE), TriO Student Scholar Leader, College Access Mentoring (CAM) Student Mentor, Learning2Live Student Mentor

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER, 02/2019 TO 07/2019

AIRSWAP/FLUIDITY, NEW YORK CITY, NY

- Actively contribute and maintain [AirSwap Products \(airswap.io\)](https://airswap.io) core peer-to-peer token trading platform.
Technologies: React, Redux, web3.js, Node.js, ES6
- Engage with D&I and community initiatives to increase brand awareness.
- Core Projects:
 - [Instant - instant.airswap.io](https://instant.airswap.io) - AirSwap Instant enables intuitive token trading for beginners to experts—find tokens, get prices, and make trades.
 - [Spaces - spaces.airswap.io](https://spaces.airswap.io) - Find counterparties, negotiate prices, and make OTC trades all in one fluid end-to-end encrypted chat interface. OTC Desks are available now to make trades.
 - [AirSwap.js - https://github.com/airswap/airswap.js](https://github.com/airswap/airswap.js) - Useful JavaScript modules for Web3 and AirSwap network developers.

SOFTWARE ENGINEER, 06/2018 TO 12/2018

CONSENSYS, WASHINGTON DC

- Constructed end-to-end Blockchain solutions for various clients, including World Bank, Radiant Earth Foundation, and Lane Crawford Joyce.
- Architected Ethereum Blockchain data API's used for regression analysis.
- Researched, designed, developed, and tested Ethereum Blockchain solutions.
- Assisted in the development and implementation of the organization's first diversity and inclusion-focused initiatives, partnerships with Black Girls CODE, Congressional Black Caucus Foundation, and AfroTech.
- Mentored engineers at company sponsored hackathons, including AngelHack DC, Loom Hackathon, and ETH San Francisco.

Notable Projects

- [Luxarity](#) - Decentralized application that makes the donation process of goods transparent by minting NFTs for ecommerce sales. At the core of the application is a Smart Contract Engine (SCE) that watches for Shopify order events, process blockchain transactions, and pays for each transaction fee on behalf of the users. **Technologies:** Solidity, AWS Lambda, React, Postgres.

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501.859.7473 | hello@justinguyton.com | github.com/JGuyton501 | linkedin.com/in/guytonjustin

Highlights:

- First luxury fashion blockchain application piloted in Hong Kong.
- 7M social media impressions.
- Allocated approximately HK\$600,000 to various causes.
- **Geo-spatial imagery eco-system** - Proof of Concept that leverages blockchain technology and decentralization to achieve Radiant.Earth's goals of expanding earth observatory imagery distribution, maximizing the sharing of that imagery amongst NGOs, and maximizing donor dollars. **Technologies:** Solidity, web3.js, React, Postgres, Node.js.

ASSOCIATE SOFTWARE ENGINEER, 02/2018 TO 05/2018

MASTERCARD, ST. LOUIS, MISSOURI

- Contributed on a daily basis to the design and development of the Smart Data application, world class ecommerce platform.
- Engaged in architectural discussions and work across other products to ensure alignment with the rest of Mastercard's commercial product suite.
- Performed analysis and presented results using SQL and Excel.
- Worked with stakeholders (both internally and externally) to define business requirements and assist in the prioritization of tasks for the development team. **Technologies:** Angular 6, Spring Boot, Spring MVC, MySQL, JBoss.

STUDENT DEVELOPER/TECHNICIAN, 01/2015 TO 05/2018

MASTERCARD, ST. LOUIS, MISSOURI

- Created web application that is used to onboard and train student technicians. **Technologies:** React, Node.js, Express.js, Bootstrap.
- Troubleshooted computer viruses, hard drive failure, wireless network issues, and other personal computer problems for the Washington University students and staff.

AWARDS

- HBCU@SXSW 2018 Cohort Scholar, *Opportunity Hub*, January 2018
- Forbes Under 30 Scholar, *Forbes*, September 2017
- 1st Place Intern Innovation Challenge, *Mastercard*, July 2017
- 3rd Place STL People Choice at Take Initiative, *Mastercard*, June 2017
- 3rd Place at GlobalHack VI, *GlobalHack*, November 2016
- 1st Place at GlobalHack IV, *LockerDome*, June 2015
- 1st Place in NSBE Annual Hackathon, *Google Inc*, Mar. 2015