

JUAN SERGIO BUENVIAJE

45 Woodglen Drive, New City, NY 10956

jbuenvia@nd.edu • jbuenviaje.com

linkedin.com/lockjio • github.com/lockjio

(845) 729-9718 •

EDUCATION

University of Notre Dame • 3.51/4.00 GPA

- Pursuing BS in Computer Science, Minor in Innovation & Entrepreneurship
- Relevant Coursework:** Data Structures, Logic Design, Systems Programming, Fundamentals of Computing, Discrete Mathematics

May 2022

South Bend, IN

Philippine Science High School - Main Campus • 3.84/4.00 GPA

- Class Rank: 28/221 | Dean's List | Graduated Magna Cum Laude
- Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Client-Side Web Development, Embedded Systems & Program Design, STEM Research

Jun 2018

Manila, Philippines

WORK EXPERIENCE

Software Engineer Intern • CBS Corporation

- Standardized end-to-end broadcast distribution configurations for entire East Coast feed
- Completed 27 purchase requests from international TV stations amounting to \$132,930 in profit
- Assisted with basic maintenance of cloud-based content storage and manipulation
- Technologies:** SQL Server, XML, C++, AWS (S3, Lambda, CloudWatch), AutoCAD

Summer 2019

New York, NY

Software Engineer Intern • The IDEA Center (ideacenter.nd.edu)

- Currently developing e-commerce web app with Shopify and Stripe APIs through pair programming
- Will work with IDEA Center startups to develop full-stack web apps and APIs in Agile environment
- Technologies:** JavaScript, React, Next, Gatsby, Node, Express, Python, Sass, Git

Spring 2020

South Bend, IN

Chief Technology Officer • DeLive Aerial System, LLC (delivedrones.com)

- Exhibited in CES 2020, and secured \$15k funding, accelerator invitation and pitch to \$100M VC fund
- Solely developed front-end of web app and will integrate with backend
- Will develop and integrate REST API, drone GCS and database in Agile environment
- Technologies:** JavaScript, React, Python, AWS (DynamoDB, IoT, Elastic Beanstalk), Sass, RPi, Git

Oct 2019 – Present

South Bend, IN

Lead Software Engineer • Tembo AI, LLC (tembo.ai)

- Solely developed full-stack SSR web app and messaging mobile apps to be used in alpha testing
- Solely developed indoor location triangulation mobile tracker resulting in \$11.5k funding
- Technologies:** JavaScript, React, Next, Node, Express, Now, Sass, Flutter, Firebase, RPi, Linux, Git

Jan 2019 – Jan 2020

South Bend, IN

Lead Software Engineer • Gäshawk Incorporated (gashawk.com)

- Currently developing static landing page leveraging modern technologies for startup
- Solely developed touchscreen GUI + LiDAR collision detection system resulting in accelerator invite
- Technologies:** Javascript, React, Gatsby, GraphQL, Netlify, C++, Arduino, HTML/CSS, Git

Jan 2019 – Jan 2020

South Bend, IN

Lead Software Engineer • Foreager (foreager.com)

- Solely developed peer-to-peer golf rental mobile apps resulting in venture competition semifinals
- Assisted in developing front-end of prototype e-commerce website
- Technologies:** JavaScript, jQuery, Heroku, Flutter, Firebase, HTML/CSS

Jan 2019 – Aug 2019

Townsend, MA

Founder, CEO, Lead Developer • Munti LLC

- Secured \$2.5k funding to develop full-stack web and mobile apps for student startup recruitment
- Led software freelance company and built products for startups and small businesses year-round

Feb 2019 – Present

South Bend, IN

Technology Track Head • YouthHack (youthhack.net)

- Organized national hackathon and 10-week incubator program for 9 early-stage startups
- Created and taught 4-hr workshops for web development to collegiate students and professionals

Mar 2017 – Jul 2018

Manila, Philippines

TECHNICAL SKILLS

Programming & Related

- General:** JavaScript ES6, C/C++, Python, Go/Golang
- Web:** React (Next, Gatsby, Material-UI), HTML/CSS (Sass/SCSS, Bootstrap, Tailwind, styled-components), JSON, jQuery
- APIs & SDKs:** Node, Express, Google Maps, Mapbox (OpenStreetMap), Mailchimp, Shopify, Stripe, Formspree, EmailJS, Google Analytics
- Databases & Deployment:** PostgreSQL, SQL Server, AWS, Firebase, Heroku, Netlify, ZEIT Now, GraphQL

- Mobile:** DART (Flutter), React Native
- Embedded:** Arduino, Raspberry Pi, Intel Galileo
- Other:** MATLAB, XML, Git, Unix, Kali Linux, Agile (Scrum)

Design & Related

- 3D Modeling:** AutoCAD, Fusion 360, SOLIDWORKS
- Circuit Fabrication:** Fritzing, Eagle
- Digital Media:** Illustrator