

# JUAN SERGIO BUENVIAJE

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## EDUCATION

### University of Notre Dame • 3.51/4.00 GPA

- Pursuing BS in Computer Science, Minor in Innovation & Entrepreneurship
- **Relevant Coursework:** Data Structures, Modern Web & App Development, Systems Programming, Logic Design, 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

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

- Developed e-Commerce web app and store templates through Pair Programming to used by startups
- Developed metrics cards and dashboards in Snapboard currently used for administrative monitoring
- Created Design Documents and Software Documentation for all work done in Agile Environment
- **Stack:** JavaScript, React, Next, GraphQL, Apollo, MongoDB, Node, Express, Shopify API, Parse SDK

Jan 2020 – May 2020

South Bend, IN

### Media Software Engineer Intern • CBS Corporation

- Standardized end-to-end broadcast distribution configurations (Codecs) for entire East Coast feed
- Completed 27 international purchase requests using Database Queries totaling \$132,930 in profit
- Assisted in Cloud-based content compute, storage and monitoring for day-to-day operations
- **Stack:** C++, XML, Microsoft SQL Server, AWS (EC2, S3, Lambda, Glacier, CloudWatch), AutoCAD

Jun 2019 – Aug 2019

New York, NY

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

- Developed Frontend of web app, RESTful API, and will integrate using SSR in Agile Environment
- Exhibited in CES 2020, secured \$20k funding, accelerator invitation and pitch to \$100M VC fund
- **Stack:** JavaScript, React, Next, Node, Express, Python, Sass, Bootstrap, Mailchimp API, DroneKit SDK

Oct 2019 – Present

South Bend, IN

### Mobile / Backend Software Engineer • Gitta LLC

- Will develop babysitter hiring service Hybrid mobile app and RESTful API in Agile Environment
- **Stack:** Flutter, JavaScript, Node, Express, Firebase, Twilio API

Apr 2020 – Present

South Bend, IN

### Fullstack / Mobile Software Engineer • Tembo AI, LLC (tembo.ai)

- Solely developed Fullstack SSR web app and messaging Hybrid mobile app to be used in beta testing
- Solely developed indoor location triangulation WiFi mobile tracker resulting in \$11.5k funding
- **Stack:** Flutter, JavaScript, React, Next, Node, Express, Vercel, Heroku, Sass, Bootstrap, Mapbox API

Jan 2019 – Jan 2020

South Bend, IN

### Frontend / Embedded Software Engineer • Gashawk Incorporated (gashawkrv.com)

- Solely developed Server-Side Rendering (SSR) Progressive Web App (PWA) currently used by startup
- Solely developed LiDAR collision detection system and Touchscreen GUI resulting in accelerator invite
- **Stack:** C++, Arduino, JavaScript, React, Gatsby, GraphQL, Netlify, Sass, Bootstrap, Google Maps API

Jan 2019 – Jan 2020

South Bend, IN

### Frontend / Mobile Software Engineer • Foreager, LLC

- Solely developed peer-to-peer golf rental Hybrid mobile app resulting in venture competition semifinals
- Assisted in developing Frontend of prototype e-Commerce website

Jan 2019 – Aug 2019

Townsend, MA

### Founder, Lead Developer / Designer, Project Manager • Munti LLC

- Led Software Freelance Company through multiple concurrent projects for startups year-round
- Secured \$2.5k funding to develop Fullstack web and Native mobile app for student startup recruitment

Feb 2019 – Present

South Bend, IN

## TECHNICAL SKILLS

### Programming & Related

- **General:** JavaScript ES6, TypeScript, C/C++, Python, Java, Go/Golang, MATLAB
- **Web:** React (Next, Gatsby), Redux, Node, Express, GraphQL, Apollo Client, Hugo, jQuery, HTML, CSS (Sass/SCSS, LESS, Bootstrap, styled-components, Material-UI, Tailwind, Bulma), Jest, Enzyme, npm, Yarn
- **Databases & Deployment:** PostgreSQL, Microsoft SQL Server, SQL, MongoDB, Parse Platform, AWS, Firebase, Heroku, Netlify, Vercel (ZEIT Now)

- **Mobile:** Swift, React Native, Flutter (Dart), Provider, Wiredash, Expo, Xcode, Android Studio
- **Other:** Git (GitHub, GitLab), UNIX/Linux, Progressive Web Apps (PWA), JSON, XML, YAML, DOM, REST APIs, HTTPS, DNS, Agile Software Development

### Design & Related

- **Digital Media:** Sketch, Figma, Adobe XD, Illustrator, Photoshop, Affinity Designer, InVision Studio, Zeplin
- **3D Modeling:** AutoCAD, Fusion 360, SolidWorks