

# 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, Data Science, 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

### 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
- Technologies:** C++, XML, SQL Server, AWS (EC2, S3, Glacier, CloudWatch), AutoCAD

Summer 2019

New York, NY

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

- Developed e-commerce web app with Shopify API through Pair Programming to be used by startup
- Will develop user retention metrics dashboards with Segment and Snapboard to be used by startup
- Technologies:** JavaScript, React, Next, GraphQL, Apollo, Node, Express, Python, Polaris, Sass, Git

Winter / Spring 2020

South Bend, IN

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

- Exhibited in CES 2020, secured \$20k funding, accelerator invitation and pitch to \$100M VC fund
- Developed frontend of web app, RESTful API, and will integrate using SSR in Agile Environment
- Technologies:** JavaScript, React, Next, Node, Express, Python, AWS (EB, IoT), Sass, Bootstrap, Git

Oct 2019 – Present

South Bend, IN

### Mobile / Backend Software Engineer • Gitta

- Will develop babysitter hiring service hybrid mobile app in Agile Environment
- Will develop RESTful API for automatic text messaging using Twilio and NoSQL user database
- Technologies:** Flutter (Dart), JavaScript, Node, Express, Firebase, Git

Apr 2020 – Present

South Bend, IN

### Fullstack / Mobile 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:** Flutter (Dart), JavaScript, React, Next, Node, Express, Vercel, Sass, Bootstrap, Git

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 touchscreen GUI + LiDAR collision detection system resulting in accelerator invite
- Technologies:** C++, Arduino, Javascript, React, Gatsby, GraphQL, Netlify, Sass, Bootstrap, Git

Jan 2019 – Jan 2020

South Bend, IN

### Frontend / Mobile Software Engineer • Foreager, LLC (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:** Flutter (Dart), Firebase, Heroku, JavaScript, jQuery, Sass, Bootstrap, Git

Jan 2019 – Aug 2019

Townsend, MA

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

- Secured \$2.5k funding to develop full-stack web and mobile apps for student startup recruitment
- Led software freelance company through multiple concurrent projects for startups year-round

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, AWS, Firebase, Heroku, Netlify, Vercel

- Mobile:** Swift, Flutter (Dart), React Native, Expo
- 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