JUAN SERGIO BUENVIAJE

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EDUCATION

University of Notre Dame • 3.51/4.00 GPA
May 2022 — South Bend, IN
- Pursuing BS in Computer Science, Minor in Innovation & Entrepreneurship
- **Relevant Coursework**: Data Structures, Systems Programming, Logic Design
  Fundamentals of Computing, Discrete Mathematics, Linear Algebra & Differential Equations

Philippine Science High School – Main Campus • 3.84/4.00 GPA
Jun 2018 — Manila, Philippines
- 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

WORK EXPERIENCE

Media Software Engineer Intern • CBS Corporation
Summer 2019 — New York, NY
- 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

Software Engineer Intern • IDEA Center (ideacenter.nd.edu)
Winter/Spring 2020 — South Bend, IN
- Developed e-commerce web app with Shopify API through Pair Programming to be used by startup
- Will work with IDEA Center startups to develop full-stack web apps and APIs in Agile Environment
- **Technologies**: JavaScript, React, Next, GraphQL, Apollo, Node, Express, Gatsby, Python, Sass, Git

Chief Technology Officer • DeLive Aerial System, LLC (delivedrones.com)
Oct 2019 – Present — South Bend, IN
- Exhibited in CES 2020, secured $20k funding, accelerator invitation and pitch to $100M VC fund
- Solely developed front-end of web app and will integrate with Node + Flask backend through Parse
- Developing RESTful API, and will integrate with drone GCS and NoSQL database in Agile Environment
- **Technologies**: JavaScript, React, Node, Python, Flask, MongoDB, AWS (EB, IoT), Sass, Bootstrap, Git

Lead Software Engineer • Tembo AI, LLC (tembo.ai)
Jan 2019 – Jan 2020 — South Bend, IN
- 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, Bootstrap, Python, RPi, Flutter, Git

Lead Software Engineer • Gäshawk Incorporated (gashawkrv.com)
Jan 2019 – Jan 2020 — South Bend, IN
- Solely developed server-side rendering (SSR) static landing web page 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

Lead Software Engineer • Foreager, LLC (foreager.com)
Jan 2019 – Aug 2019 — Townsend, MA
- 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, Firebase, Heroku, JavaScript, jQuery, Sass, Bootstrap

Founder, CEO, Lead Developer • Munti LLC
Feb 2019 – Present — South Bend, IN
- 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

TECHNICAL SKILLS

Programming & Related
- **General**: JavaScript ES6, C/C++, Python, Java, Go/Golang
- **Web**: React (Next, Gatsby), Redux, Node, Express, GraphQL, Apollo Client, Flask, Hugo, jQuery, HTML, CSS (Sass/SCSS, LESS, Bootstrap, styled-components, Material-UI, Tailwind, Bulma), NPM, Yarn
- **Databases & Deployment**: PostgreSQL, SQL Server, SQL, AWS, Firebase, Heroku, Netlify, ZEIT Now
- **Testing & DevOps**: Jest, Enzyme, Git (GitHub, GitLab)
- **Mobile**: Flutter (DART), React Native, Expo
- **Embedded**: Arduino, Raspberry Pi, Verilog, Intel

- **APIs & SDKs**: OAuth, Stripe, Shopify, Mailchimp, Parse Server, Google Maps, Mapbox (OpenStreetMap), Getform, Formspree, Formcarry, EmailJS, Google Analytics
- **Other**: MATLAB, UNIX/Linux, Agile (SCRUM), Progressive Web App (PWA), JSON, XML

Design & Related
- **Digital Media**: Affinity Designer, Sketch, Figma, Adobe XD, Invision Studio, Zeplin
- **3D Modeling**: AutoCAD, Fusion 360, SOLIDWORKS
- **Circuit Fabrication**: Fritzing, EAGLE