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

Full Stack Software Engineer Intern • IDEA Center (ideacenter.nd.edu)
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, SCSS, 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), SCSS, 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, SCSS, 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 app currently used by startup
- Solely developed touchscreen GUI + LiDAR collision detection system resulting in accelerator invite
- **Technologies**: C++, Arduino, Javascript, React, Gatsby, GraphQL, Netlify, SCSS, 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, SCSS, 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

Technology Track Head • YouthHack Incorporated (youthhack.net)
Mar 2017 – Jul 2018
Manila, Philippines
- 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

TECHNICAL SKILLS

Programming & Related
- **General**: JavaScript ES6, C/C++, Python, Java, Golang
- **Web**: React (Next, Gatsby, Material-UI), Flask, HTML (DOM), CSS (Sass/SCSS, styled-components, Bootstrap, Tailwind, Bulma), jQuery, AJAX, JSON, XML
- **APIs & SDKs**: Node, Express, Google Maps, Mapbox (OpenStreetMap), Mailchimp, Stripe, Shopify (Polaris), Parse Server, Getform, Formspree, Formcarry, EmailJS, Google Analytics
- **Mobile**: Flutter (DART), React Native

- **Embedded**: Arduino, Raspberry Pi, Verilog, Intel Galileo
- **Databases & Deployment**: PostgreSQL, SQL Server, AWS, MongoDB, Firebase, Heroku, Netlify, ZEIT Now, GraphQL, Apollo
- **Other**: MATLAB, Git, UNIX/Linux, Agile (SCRUM), PWA

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