JONATHAN
NARAJA

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PROFESSIONAL EXPERIENCE

NELNET   **FEB 2023 – PRES.**
Data Conversion Engineer   *Remote*
- **Extracted, analyzed, cleaned, and prepared data** for import into FACTS' Student Information Systems (SIS), using SQL, Access queries, and advanced Excel functions (e.g., Lookups, Pivot Tables) to identify and resolve data issues.
- **Built and customized databases** by using seed databases as templates to replicate mandated data for diocesan private schools, ensuring compliance with requirements.
- **Performed data analysis and database adjustments** for both onboarding new clients and supporting existing production clients.

CANDLE CORPORATION   **JUNE 2022 – AUG 2022**
Junior Developer advocate / Software Engineer   *Remote*
- **Created a TypeScript-based code generator** to automate the generation of JSON schemas from Apex definitions, streamlining manual efforts. The generator was integrated into *wasmflow*, enabling seamless artifact creation for web servers, microservices, workers, CLI apps, or client-side execution.
- **Developed WebAssembly and Svelte applications** to showcase the implementation of Flow-based paradigms.

MAXEON   **MAY 2022 – JUNE 2022**
Data Processing and Controls Intern   *San Jose, CA*
- **Developed an EL/Flash Calculator in Python** to process and analyze Electroluminescence (EL) images and flash data using computer vision and mathematical calculations, automating previously manual data processing tasks.
- **Optimized the tool by transitioning it to C#**, enhancing the user interface (UI) and improving the efficiency of its computer vision algorithms.

SUNPOWER   **JULY 2021 – MAY 2022**
Data Processing and Controls Intern   *San Jose, CA*
- **Designed and tested solar module samples** featuring both soldered and cold soldered joints to evaluate performance and reliability.
- **Contributed to the assembly, encapsulation, and lamination** processes for solar module production.
- **Developed a Python-based Cold Solder Detection Tool** that integrates a control system and software application to capture infrared images of solar modules and precisely identify cold solder joints.

EDUCATION

SAN JOSE STATE UNIVERSITY   **AUG 2017– DEC 2020**
Bachelor of Science, Computer Engineering   *San Jose, CA*

CONTRA COSTA COMMUNITY COLLEGE   **AUG 2014 - MAY 2017**
Associates Degree, Liberal Arts   *San Pablo, CA*

CERTIFICATIONS

CodePath Mobile Development Bootcamp   **DEC 2020**
Bachelor of Science, Computer Engineering   *San Jose, CA*

- **Completed an iOS Development bootcamp**, focusing on planning, building, and testing a fully functional iOS app.

TECHNICAL SKILLS

Languages : C/C++, C#, Python, HTML, Typescript, Javascript, CSS, Swift, SQL
Technologies : Vue.js, React, Bootstrap, Svelte, Angular, .NET Core, SQL, PostgreSQL
Other : Salesforce, Microsoft SQL Server, DBForge, Excel, Git, GitHub, Visual Studio, Visual Studio Code, XCode