

# Albert Lin

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## EDUCATION

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**University of California, San Diego | La Jolla, CA**

2023 Graduate | Graduation: June 2023 | B.S. Computer Science

## WORK EXPERIENCE

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**Datron World Communication | Software Engineering Intern | Vista, CA**

06/2022 - 09/2023

- Assisted with software deployment of existing radio-interface control applications.
- Researched and documented entire development process of deployment software, ranging from tools utilized to bug fixes.
- Assisted team with code reviews with ongoing development of current applications.
- Reviewed legacy code and provided detailed report regarding existing software design elements for potential improvements.

## PROJECTS

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**San Diego Zoo App**

- Developed feature-rich zoo directions application through Agile framework, within team environment.
- Extensive use of testing methodologies (unit, integration, end-to-end) and expandable program design.
- Directed documentation of design plan, implementation process, and Sprint constraints.

**Deep Dream App**

- Created a desktop app for personalized Deep Dream effects on user images.
- Designed and implemented a user-friendly and stable app interface, with emphasis on an intuitive and enjoyable experience.
- Utilized Google's Inception5h model, TensorFlow, and Pillow to power backend implementation.

**Quick Buy**

- Developed program to automate purchasing orders of items through online vendors.
- Manufactured to combat mass online-bot purchasing.

## SKILLS

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### Programming Languages

- C++, Python
- Java, JavaScript, HTML, CSS, MySQL, Haskell, Assembly Language

### Technologies

- Git/Github, Unix/Linux, Valgrind, GDB
- Excel, ChatGPT, Bard, Llama, Jupyter, Slack