

ILAN MANUEL NAIBRYF
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School Address:
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Permanent Address:
16741 Harbor Court, Weston, FL 33326

EDUCATION

THE UNIVERSITY OF CHICAGO
Bachelor of Science in Computer Science
• Odyssey Scholar

Chicago, IL
Expected June 2022

HAWAII PREPARATORY ACADEMY
Baccalaureate Degree – Secondary Education
• Engineering Award 2017

Kamuela, HI
August 2014 - May 2018

EXPERIENCE

VOLTAIC SYSTEMS
Prototype Engineer

Brooklyn, NY
June 2019 – August 2019

- Designed and integrated solar solutions to IoT applications/projects, specifically LoRa/LoRaWAN
- Conducted quality assurance and control testing on custom solar panels for industrial applications;

COMPUTER SCIENCE INSTRUCTIONAL LABORATORY (CSIL)
Software Specialist

Chicago, IL
February 2019 – Present

- Manage administrative systems such as kiosk software, Ansible & Mac imaging, software backups, VM machines etc.
- Conduct services in Software Development and System Administration such as problem solving for hardware and asynchronous client-server communication
- Administer 100+ Macintosh and Ubuntu machines while providing user support for students and faculty

HISEAS & BASALT - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Research Associate

Big Island, HI
September 2016 – May 2018

- Selected to participate in energy and data management for NASA project dealing with lava terrains
- Managed scientific fieldwork conducted under simulated Mars mission constraints
- HI-SEAS - Hawai'i Space Exploration Analog and Simulation
- BASALT - Biologic Analog Science Associated with Lava Terrains

CANADA-FRANCE-HAWAII TELESCOPE
Database Specialist Intern

Kamuela, HI
October 2016 - May 2018

- Worked with hardware and software technologies related to Bluetooth and Wi-Fi communications, Qi wireless power, motion sensors, signal multiplexers, electronic circuit design, and fabrication including component placement, baking, testing, and systems integration
- Assisted development of IOS and Android Apps as well as Microsoft and OSX Applications

BIONIC PROSTHETIC HAND
Independent Research

Waimea, HI
September 2016 - June 2018

- Designed and created low cost bionic prosthetic hand controlled by an EEG brainwave headset giving the user cutting-edge dexterity

NATIONAL OCEAN AND ATMOSPHERIC ADMINISTRATION (NOAA)
Research Assistant

Honolulu/Pahoa, HI
September 2015 – June 2017

- Collaborated with NOAA biologists to capture, measure, tag, and study the threatened Hawaiian (Honu) green sea turtle

LEADERSHIP/ACTIVITIES

UCHICAGO CLUB SOCCER TEAM
Captain, Mid-Fielder

Chicago, IL
September 2018 – June 2019

- Balance a 10+ hour per week practice and travel schedule with rigorous academic course load

SKILLS AND INTERESTS

Language: Fluent English, Fluent Spanish, Proficient Hebrew

Computer: C, C++, HTML/CSS, Arduino, DrRacket (typed/racket), Adobe: Lightroom, Premiere Pro, Photoshop, Microsoft Suite: Excel and PowerPoint, Logger Pro, EAGLE, Blender, Onshape / Autodesk CAD

Interests: Soccer, Running, Photography/Videography, Member of Team USA (20th Maccabiah Games)