ILAN MANUEL NAIBRYF

inaibryf@uchicago.edu | 305-219-7139

School Address:	Permanent Address:
5500 S. University Ave., Chicago, IL 60637	16741 Harbor Court, Weston, FL 33326

EDUCATION

THE UNIVERSITY OF CHICAGO — Chicago, IL
Bachelor of Science in Computer Science — Expected June 2022
- Odyssey Scholar

HAWAII PREPARATORY ACADEMY — Kamuela, HI
Baccalaureate Degree – Secondary Education — August 2014 - May 2018
- Engineering Award 2017

EXPERIENCE

VOLTAIC SYSTEMS — Brooklyn, NY
Prototype Engineer — 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) — Chicago, IL
Software Specialist — 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 — Big Island, HI
Research Associate — September 2017 – 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 — Kamuela, HI
Database Specialist Intern — 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 — Waimea, HI
Independent Research — September 2016 - June 2017
- 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) — Honolulu/Pahoa, HI
Research Assistant — June 2016 - September 2016
- Collaborated with NOAA biologists to capture, measure, tag, and study the threatened Hawaiian (Honu) green sea turtle

LEADERSHIP/ACTIVITIES

UCHICAGO TRACK AND FIELD TEAM — Chicago, IL
Member, Mid-Distance — September 2018 – June 2019
- Balance a 20+ hour per week practice and travel meet 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)