ETHAN HINDS

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(813) 389-1728
U.S. Citizen

EDUCATION

UNIVERSITY OF FLORIDA Gainesville, FL
Dual Major: Mechanical and Aerospace Engineering   May 2022
Minor: Computer Science
Overall GPA: 3.50/4.0
GPA in Major: 3.54/4.0

BERKELEY PREPARATORY SCHOOL Tampa, FL
High School Diploma   June 2018
GPA 3.90/4.0 (Unweighted)

RELEVANT COURSEWORK

- Computer Aided Graphics and Design (SolidWorks)
- Astrodynamics
- Mechanics of Materials
- Aerodynamics
- Compressible Flow
- Thermodynamics
- Numerical Methods

WORK EXPERIENCE

TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY, *Intern*   Summer 2020
- Adapted Shadow Motion kinematics using Java SDK for Israeli start-up TropX (proprietary smart clothing product featuring real time multi-sensor biomechanical feedback based on machine learning)

UNIVERSITY OF FLORIDA, *Teaching Assistant*   Summer 2019
MATLAB Programming for Engineers, Professor Ashish Aggarwal
- Taught course lab section, held office hours, graded student exams

WITTENBERG WEINER CONSULTING, LLC, *Consultant*   2017 – Present
- Reconfigured internal Management Information Systems of WWC, a multimillion-dollar government consulting firm
- Worked directly with CEO and COO to implement their business process changes through IT solutions
- Presented project results to upper-level management, led training session for all employees at annual firm retreat

PRIVATE CHESS LESSON INSTRUCTOR   2013 - Present

ACTIVITIES

High School Soccer, *Team Co-Captain*, Berkeley Preparatory School   2017

Physics Club, *Co-President*, Berkeley Preparatory School   2018

U.S. Chess Federation rated chess competitor   2007 – Present
- National Youth Action Champion 2011

Independent Travel
- Iceland, China, the Netherlands, Israel, Tanzania, Cambodia, Easter Island, Zimbabwe

HONORS

Dean's List, University of Florida College of Engineering   All 6 semesters to date
AP Scholar with Distinction Award   2018
National Honor Society, Berkeley Preparatory School   2017
Science National Honor Society, Berkeley Preparatory School   2017
Bright Futures Florida Academic Scholars Award   2018 – Present

SKILLS

Programming Languages: C++, Python, MATLAB, Java, JavaScript, HTML, Swift
Software Proficiency: SolidWorks (Certified Associate), STK Level 2 Certification, SharePoint, Microsoft Office, PowerShell, Microsoft Power Automate

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Campus Residence: 3950 SW 24th Ave, Gainesville, FL 32607