

# 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)
- Aerodynamics
- Astrophysics
- Compressible Flow
- Mechanics of Materials
- 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