

ETHAN HINDS

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(813) 389-1728

U.S. Citizen

EDUCATION

UNIVERSITY OF FLORIDA Gainesville, FL

Dual Major: Mechanical and Aerospace Engineering

December 2022

Minor: Computer Science

Overall GPA: 3.51/4.0

GPA in Major: 3.56/4.0

BERKELEY PREPARATORY SCHOOL Tampa, FL

June 2018

GPA 3.90/4.0 (Unweighted)

RELEVANT COURSEWORK

- Computer Aided Graphics & Design (SolidWorks)
- Data Structures & Algorithms
- Aerodynamics
- Astrodynamics
- Thermodynamics
- Numerical Methods
- Mechanics of Materials
- Compressible Flow
- Finite Element Analysis/Design

WORK EXPERIENCE

TRU SIMULATION + TRAINING, *Software Engineer Intern*

Summer 2022

- Selected as TRU Intern to present at end-of-internship Report Out to Textron Aviation SLT
- Performed and validated hardware-software integration for level 5 flight simulator
- Internalized and improved formerly outsourced dynamic visual ground segment tool

TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY, *Intern*

Summer 2020

- Adapted Shadow Motion kinematics using Java SDK for Israeli start-up TropX (proprietary smart clothing product utilizing 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

- Worked directly with CEO and COO to reconfigure internal IT and Management Information Systems of WWC, a multimillion-dollar government consulting firm
- 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 8 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, C#, MATLAB, Java, JavaScript, HTML, Swift

Software Proficiency: SolidWorks (Certified Associate), STK Level 2 Certification,

Git, SharePoint, Microsoft Office, PowerShell, Microsoft Power Automate

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