

EDWARD ZHANG

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EDUCATION

University of Florida (UF) - Gainesville, FL **Grad Date: Spring 2023**
B.S. Computer Engineering, B.S.B.A Finance **GPA 3.97/4.00**

- **Relevant Coursework:** Introduction to Software Engineering, Digital Logic, Programming Fundamentals 2, Signals and Systems, Business Finance, Financial Accounting and Reporting 1.
- **Honors:** Dean's List, Benacquisto Scholarship

WORK EXPERIENCE

NextEra Energy - Juno Beach, FL **May 2021 - Present**
Information Technology Intern – Cost and Performance

- Increased allocation of \$25 million general software purchases to specific applications from 3% to over 70%.
- Developed an app concept to reduce wasted revenue by \$2 million, resulting in senior director sponsorship.
- Learned Office VBA and developed macros to automate Excel processing, reducing time spent by over half.

Florida Institute for Cybersecurity Research - Gainesville, FL **January 2021 - Present**
Undergraduate Researcher – Worked under Dr. Domenic Forte

- Preprocessed an LSUN dataset to train a generative adversarial network (StyleGAN2) on UF's HiPerGator AI.
- Produced preliminary results of deblurring and image reconstruction on face images from the FFHQ dataset.
- Extracted and processed topological data using toolkits to successfully identify components within an image.

Dow Jones – New York City, NY **June 2019 - August 2019**
Innovation Lab Intern

- Developed a pitch deck for a marketing campaign to drive WSJ-sponsored college activations.
- Researched and presented suggestions to leadership on an app concept targeting younger generations.
- Assisted in proofreading Wall Street Journal City articles and newsletters.

Civil Air Patrol (CAP) – Boca Raton, FL **June 2015 – May 2019**
Cadet Executive Officer, 1st Lieutenant

- Led and educated cadets and sergeants on leadership skills, aerospace education, and character development.
- Drove improvements in squadron education curriculums and recruitment, increasing cadet count by over 50%.
- **Honors:** Cadet of the Year (2017); VFW Cadet NCO of the Year (2016); AFA Cadet of the Year (2017)

LEADERSHIP AND INVOLVEMENT

Theta Tau Engineering Fraternity - Gainesville, FL **January 2021 - Present**
Academic Chair (2021), Food Service Chair (2021)

- Organized academic help for brothers and coordinated food service and grilling at fraternity events.

Eta Kappa Nu (HKN) Epsilon Sigma - Gainesville, FL **January 2020 - Present**
ECE (Electrical and Computer Engineering) Curriculum Chair (2020-2021)

- Helped improve the virtual learning experience for ECE classes, including a camera-on initiative during class.

PROJECTS

Gatorloop Inventory Management System (IMS) - Gainesville, FL **January 2021 – May 2021**
Project Manager, Full-Stack Developer

- Managed a five-person agile team to build and deploy a web app with MongoDB backend and login features.
- Directed scrum meetings, controlled project scope, and worked with the client to develop a clear product vision.
- **Technologies:** MERN stack (MongoDB, Express, React, Node), Git.

Spotify Song Recommendation - Gainesville, FL **August 2020 – December 2020**
Team Leader

- Led a 3-person team through project ideation, development, testing, and presentation.
- Developed an algorithm that processed 100,000 data points to extract relevant stats and match them to users.
- **Technologies:** C++, Python, Kaggle.

TECHNICAL SKILLS / INTERESTS

Skills: C++ (Expert), Python (Expert), Git (Expert), Java (Proficient), React (Proficient), MongoDB (Novice)
Interests: Machine Learning, Project Management, Computer Science, Computer Vision, Finance, Entrepreneurship