

# Norman Bukingolts

[nbukingolts@gmail.com](mailto:nbukingolts@gmail.com) | [linkedin.com/in/norman-codes](https://www.linkedin.com/in/norman-codes) | [github.com/norman-codes](https://github.com/norman-codes) | [norman-codes.com/](https://norman-codes.com/)

## EDUCATION

---

### University of Florida

Gainesville, FL

*Bachelor of Science in Computer Science - GPA: 3.48*

*Jan. 2021 – May 2024*

- Relevant Coursework: Data Structures & Algorithms, Programming Fundamentals 1 & 2, Intro to Software Engineering, Computational Linear Algebra, Mobile Computing & Internet of Things, Human-Centered Input Recognition Algorithms, Operating Systems, CodePath Technical Interview Prep

### Florida Gulf Coast University

Fort Myers, FL

*Associate of Arts*

*Aug. 2020 – Dec. 2020*

- 45 credits acquired from high school (IB Diploma, May 2020); one semester of courses taken for 60-credit degree.

## EXPERIENCE & INVOLVEMENT

---

### Head of Outreach @ Association for Computing Machinery (ACM)

Aug. 2021 – Present

*University of Florida*

*Gainesville, FL*

- Overseeing communication & collaboration with ACM's Special Interest Groups (SIGs) & other student organizations on campus by scheduling joint events focused on pre-professional development & socialization.
- Participating in event planning for the semester & engaging with club officers & members.

### Head of Product @ Software Engineering Club (SEC)

Mar. 2021 – Present

*University of Florida*

*Gainesville, FL*

- Leadership position in a long-term app development project (see **Clubfinity** below).
- Spreading awareness of the club to fellow students interested in software engineering.

## PROJECTS

---

### Clubfinity | MongoDB, Expo, React Native, NodeJS (MERN stack), Figma

Mar. 2021 – Present

- Product lead of app designed to centralize student organization involvement & admin-to-member communications.
- Conceptualizing feature set & overseeing its implementation:
  - \* Club browsing, event sign-up & engagement statistics, calendar, announcements/notifications, etc.
  - \* Publishing app to App Store & Google Play for cross-platform integration.
- Facilitating Agile workflow & communication between technical system developers & UI/UX designers.
  - \* Attending standup meetings & making biweekly plans with tasks for both the development & design teams.

### Chomp | Python, appJar (GUI library), Yelp Dataset

Apr. 2022

- "Restaurant finder"-style desktop application using Yelp's public dataset.
  - \* 150,000 tuples of enterprise data imported from .json file and encapsulated into arrays for sorting.
  - \* Custom GUI designed using "appJar" external library; learned through reading documentation.
- Implemented Heap Sort & Quick Sort sorting algorithms to sort by category, state, city, in a custom order.
- Unique "chompability" score generated based on ratings and user-selected proximity to the University of Florida.

### Small-Scale Edge Computing Model | TrueNAS Core, Linux (Ubuntu, Raspberry Pi OS), Python

Jan. 2022

- Small-scale 4-layer edge computing model (private centralized cloud, edge computer, edge device, & edge sensors).
- Installing TrueNAS Core operating system on a USB drive to set up cloud directory for access via shared network.
- Writing a small Python script using Raspberry Pi GPIO using breadboards & running via secure shell (ssh).

### Voice Acting Digital Portfolio Website | Carrd.co, Canva, HTML, CSS, JavaScript

Dec. 2021

- Web design of a client-centric one-page website, combining functionality & aesthetics.
- Going beyond site builder limitations by implementing & styling custom code elements (audio player, image carousels), creating a contact form, & learning domain name purchasing & registration process.
- Designing layout, choosing icons/color palette, & creating branding materials.

## TECHNICAL SKILLS

---

**Programming Languages:** C++, Python, Java (intermediate); HTML, CSS, JavaScript (novice)

**Human Languages:** English (native, fluent), Russian (native, fluent), Spanish (conversational)

**Developer Tools:** Git, CLion, IntelliJ IDEA, Visual Studio, VS Code

**Special Interests:** Software engineering, web/app development, UI/UX design, project management, DevOps, Agile