

# BETTY PHIPPS

bp23e@fsu.edu | (954) 655-4271 | linkedin.com/in/bettyhipps | github.com/betty23

## EDUCATION

### Florida State University | Bachelor of Science

Tallahassee, FL

Computer Science, Minor: Entrepreneurship

Graduation: May 2026

### Broward College | Dual Enrollment

Broward County, FL

Relevant Coursework: Intro To C++ • Digital Literacy Humanities • Computer & Internet Literacy

Graduation: Spring 2023

## WORK EXPERIENCE

### Help Desk Technician | FSU college of Communication & Information

December 2024 - March 2024

Tallahassee, FL - Part-time

- Provided Technical Support For Hardware/Software Issues, Networking, & Troubleshooting In A Microsoft Environment.
- Diagnosed And Resolved Network Connectivity Problems, System Crashes, And Software Conflicts Across Windows & Mac OS Environments.
- Delivered Customer-Focused Solutions, Balancing Multiple Support Requests In A Fast-Paced Environment While Ensuring Excellent Service.
- Configured And Maintained Microsoft Office Applications, Printers, And Standard Office Equipment.

### IT Business Analyst | NextEra Energy

May 2024 - August 2024

Juno Beach, FL - Internship

- Developed Backend Of The Internal Server-Side Application QuizNEE Using The NestJS Framework And An Angular Frontend, Both In TypeScript. Integrated A PostgreSQL Database To Develop Features Including Identity Authentication, Measure And Track User Performance, And Multimedia Integration.
- Collaborated In The Development Of The Fusion Center Web Server Monitoring System. Utilizing Eclipse IDE, Writing Lines Of Selenium Java Code To Test And Monitor Applications Using Maven To Ensure Optimal Functionality And Reliability.
- Developing Business And Technical Salesforce Expertise Under Senior Analysts To Optimize Business Insights On Customer And Meter Data For A \$700 Million Project, Aiding FPL In Revenue Loss Prevention And Developing API Architecture With MuleSoft And S3.

### Computer Systems Operator | The Florida Lottery

December 2023 - May 2024

Tallahassee, FL - Part-time

- Monitor Central And Backup Site Servers And Utilize Unix-Based Tools And Commands To Minimize Downtime And Ensure Uninterrupted Service.
- Write PowerShell Scripts To Automate Routine Tasks Such As Job Scheduling, Daily-Running PowerShell Script To Monitor 11 Designated Servers' Disk Space.
- Recording Over 20 Operational Issues, Actions, And System Status Updates In Operator Logs And 40+ Incident Reports For Compliance & Efficiency.

## PROJECTS

- **AI-Powered Stock Sentiment Investment Advisor:** AI-Powered Stock Sentiment Investment Advisor: Developed A Flask Web App That Provides Investment Recommendations Based On AI Sentiment Analysis And Real-Time Stock Data (Via APIs). Integrated OpenAI API For Sentiment Analysis And Designed A Responsive, User-Friendly Interface For Easy Access Across Devices.
- **Raspberry Pi Hardware Integration:** Developed 2 Raspberry Pi Projects Integrating Hardware Interfaces: An LED Blinking Sequence And An LED Matrix Display Using Python, Exploring Computing And Hardware Control, Practicing Meticulous Hardware Setup And Troubleshooting Within Circuit Design And Component Integration.
- **First Place Hackathon:** Winner At The 24-Hour Hackathon By NextEra Energy, Inc, Led On Creative Problem-Solving And Technical Innovation For Energy Grid Optimization.

## RELEVANT SKILLS

### Programming Languages:

C/C++, TypeScript, Java, JavaScript, React, HTML/CSS, Angular, Python, SQL

### Integrated Development Environments (IDEs):

Eclipse, Visual Studio, IntelliJ IDEA

### Web Development Frameworks:

Angular, React, Node.js

### AI & Machine Learning:

Sentiment Analysis (OpenAI API), Stock Prediction Models, Data Analysis. API Integration (Stock Market APIs, OpenAI API)

### Language Proficiency:

Fluent In Spanish [Native]

### Operating Systems:

Linux, MacOS, Windows

## LEADERSHIP

### President | Code Education

Spring 2024-Spring 2025

- Increased Member Recruitment, Boosting Followers By 50% And Engagement By 300%.
- Led Hands-On Arduino Workshops, Teaching Coding And Hardware Integration, With 25+ Active Participants.

### Vice President | FSU STARS: Students & Technology In Academics, Research, And Service

Fall 2023

- Led 5 Workshops On Tech Fundamentals, Including Arduino Programming And Circuit Design, Creating 30+ Bristle Bots For K-12 Students.
- Delivered 4 Presentations On Leadership, Networking, And IT At The Florida TSA Leadership Conference To 150+ Students, Focusing On Collaboration And Career-Building Skills.
- Volunteered 263 Hours, Impacting 7,041 Students (60% Female, 50% Underrepresented) Both On And Off-Campus Year-Round.