# Jonathan Eisenbrandt

713 - 835 - 9205 | jeisenbrandt1@gmail.com | linkedin.com/in/jonathan-eisenbrandt/

## Summary

Computer Engineering Graduate with experience in Full Stack Software Development, Firmware Development, and Machine Learning. Focused on growth and collaboration in the tech community.

## Education

Bachelor of Science in Computer Engineering                                    May 2023

University of Houston, Cullen College of Engineering - Houston, Texas

Graduated with University Honors

GPA 3.2

## Relevant Coursework

Data Structures and Algorithms | Fundamentals of Software Engineering | Advanced Microprocessor Systems | Discrete Mathematics | Computer Architecture and Design

## Relevant Projects

BEMO Headset | University of Houston                                    August 2022 - May 2023

- Utilized machine learning to label emotions of users with 70% accuracy
- Redesigned headset based on headset used in neroexo project including 5 EEG sensors
- Created IOS application to display user data deployed on firebase

Portfolio Website | Personal                                    October 2023 - Present

- Utilized Next.js framework to build single page web app with server components
- Implemented media queries to format page on different size screens
- Implemented email section using resend api

## Experience

Full Stack Developer and Project Manager                                    December 2023 - Present

Immigrant Buddies, Houston TX

- Developed mobile interface using react leading to 20% increase in user engagement
- Established Project workflow and timelines
- Mentored 4 developers in agile project management

Software Developer                                    January 2023 - October 2023

Erdos Miller, Houston TX

- Contributed to a comprehensive suite of tests to support CI/CD pipelines covering 80% of codebase to ensure code integrity
- Refactored command line application to run as background service which improved startup time by 10%
- Interacted with clients on a weekly basis to receive feedback on software products
- Participated in 1-2 code reviews per week to ensure code integrity
- Customized test environments to closely mirror client settings for accurate deployment testing

Software Developer                                    May 2022 - August 2022

Erdos Miller, Houston TX

- Increased PCB testing speed by >1000%
- Composed user guide for software package allowing technicians to understand the software
- Outlined road map for future development of project

## Skills

Languages: Typescript, C++, Python, C#, HTML, CSS, C

Technologies: React, Next.js, .NET, QT,  Git, Docker, Linux

## Activities

IEEE                                    September 2019 - Present

ReactHTX                                    November 2023 - Present

Houston Robotics Group                                    December 2023 - Present