

Bao Hong

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- GitHub: <https://github.com/baohong1998/baohong1998>

Objective: A computer science student looking for a professional internship in software development

Education

University of Central Florida – Orlando, FL Bachelor of Science Degree in **Computer Science** GPA 3.8
Expected Graduation May 2021

Related Coursework: Computer Science 1 and 2, Process in Object Oriented Development, Programming Language, System Software, Artificial Intelligence

Skills Summary

Programming Languages:	Java, C, Python, C#, Haskell
Web Languages:	HTML, CSS, PHP, JavaScript, JQuery, SQL, NodeJS, ReactJS
Other Software Applications:	Microsoft Office, Android Studio, Git, Linux, Bash scripting, AWS

Selected Projects

Flappy Bird – Personal Project

- Utilized Java Swing GUI to recreate a clone of the game Flappy Bird
- Implemented score board, scene, and a playable bird

Face detection & recognition OpenCV – Personal Project

- A small desktop application that detected and recognized human face using OpenCV Python
- Detected human faces from webcam, captured and trained images of new users, and drew a green square along with respective usernames around detected faces

Food Truck Finder– Group Project

- Collaborated with a group of 7 to create a web app and an Android app
- Application to help food truck owners promote their business to internet users
- Responsible for Android app functionality using Android Studio, XML, and Java

PL/0 Compiler – Course Project

- Constructed a compiler for PL/0 language using C language
- Lexical analyzer, abstract syntax tree parser, and MIPS Assembly code generator

Student Organizations

UCF SigAI – Explored the field of AI and Machine Learning outside the classroom on topics such as Neural Networks and algorithm