

Jahziel Villasana-Espinoza

Computer Science undergraduate

Personal Info

Address

1090 Atlantic Drive Nw.
Atlanta, GA 30318

Phone

4044287664

E-mail

jahz@gatech.edu

Website

jahz.co

GitHub

github.com/jahzielv

Languages

English - Native speaker

Spanish - Native speaker

French - intermediate conversation and reading skills

Additional Activities

07/2016

Christos Community Church

Intro to Programming Instructor
Taught a class of 10 local middle school students the fundamentals of programming using the *Accelerated Intro to CS* course from Code.org.

08/2015 - present

Reformed University

Fellowship @ Georgia Tech

- Worship Leader/Ministry Team member*
- Directed a band of 10-12 students in weekly worship service performances (song selection, led rehearsals)
 - Helped form group vision for RUF @ Georgia Tech as part of student leadership group

present

Member, IEEE Computer Society

Computer Science undergrad with a passion for making people's lives easier through great software design; actively searching for internship opportunities.

Experience

08/2017 - present

Co-op Software Engineer

Yokogawa Corporation of America

- Developed .NET applications for a variety of departments with focus on streamlining and automating existing business processes
- Developed an Android application that streamlines plant tours, with estimated savings in engineering time of more than \$10,000 per year
- Responsible for implementing software development infrastructure including Scrum-based workflow and continuous integration
- Gave presentations on benefits of software infrastructure and internal development to upper management, including VP of manufacturing

Software Skills

Programming Languages: Java, Python, C, C#, JavaScript

Agile project management with Jira, Trello, and Zenhub

Linux environments (Bash, vim)

Version control (Git)

Android application development (Android Studio, Gradle)

Windows environments (WPF and WinForms development with .NET)

Web technologies (React, Redux, Node.js, Azure)

Database technologies (SQLite, MS Access, SQL Server)

Education

Georgia Institute of Technology

Expected Graduation: Summer 2020

GPA: 3.40/4

Degree Concentrations: Systems & Architecture, Intelligence

Relevant Coursework:

- Data Structures and Algorithms
- Compiler Design
- Computer Organization and Programming: Assembly and C
- Intro to Systems and Networking
- Junior Design Capstone Project

Projects

Implemented C dynamic memory allocation library (*malloc, calloc, realloc, free*)

Created a web app that ports Quizlet flashcards to Anki flashcards (*in progress, Node.js, Express, React*)

Implemented a single-bus processor with interrupt handling based on the LC-3 ISA (*Logisim*)

Implemented an LL(1) compiler for the Tiger programming language (*Java, Antlr*)

Designed and implemented a Production Management System web app for Yokogawa Corp. of America for Junior Design Capstone Project (*Node.js, React, Redux, SQL Server*)