



Xavier JB

Software engineering
undergraduate



Providence, RI, 02908



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Skills

- Languages: Node.js, Python, Java, C, C++, C, Dart
- WebDev: LAMPython, MERN
- MobDev: React Native, Flutter
- Tools/Frameworks: MongoDB, MySQL, Docker, Google Cloud, AWS, React
- Design : Adobe XD, Sketch, Zeplin, Microsoft Visio, Draw
- Other: MS Office, JIRA, Git, Slack
- Natural Languages: French(native), Creole(native), English(fluent), Spanish(intermediate)

Education

B.S.(Hons.) Computer Science
UMass Dartmouth | Dec 2019 |
GPA:3.88/4

High School Diploma
Bishop Hendricken | May 2016 |
GPA:3.67/4

Extra-Curricular

IT technician @ Mont Carmel Market
- Setup web inventory management
system & cash register
- Database administration & handled
employee access to web app service

Student Government
-Class representative & Senator for
the college of Engineering

Work Experience and Internships

Oct18-Apr19 Software engineering intern Purvis Systems, Middletown, RI
Designing Hardware and Software diagrams using Microsoft Visio for
implementing a new Automatic Testing Equipment for Fire Station
Alerting Systems. Programmed IO boards such as Relay boards to
simulate input to the system being tested. Reported to a Lead Engi-
neer through Scrum meetings and communicated through Slack.

Sep18-Apr19 Java Web Backend Developer NUWC, Newport, RI
Designed and implemented a display and storage management sys-
tems. Built the database schema for user and equipment storage,
using MySQL. Tables were created through Java classes which were
converted through spring annotation. Programmed the backend of
our Java server which handled windows and android client requests.
Turned a Raspberry pi into a display system controlled through a se-
cure shell connection with a script slideshow on the pi side

Jun-Aug18 Summer Intern Total Gas Station, Haiti
Implemented a MySQL database for storing information on much gas
was sold throughout the day. Used java for the front end and link
between the local MySQL server and the user interface

Research and Projects

Aug19-Pres RA: Creativity in programming for intellectual property
Studying the structure of coding solutions to programming
assignments for establishing the presence of creativity in Computer
Science

HackNY Friends with GIF - Front End Development - NYU
Friends with Gifs is a multiplayer game that allows players to create
and join a game with GIFs. Built with a team of 4. I handled Front-end
development and started from wire-framing the game using Sketch
and Zeplin, then moved to coding the pages using HTML and Boost-
rap.

HopHacks HiJean: Helping with basic needs - Back End - John Hopkins U
The application displays people in need in the area, with a list of
items they need. Once they find something they lack, they contact
the provider for a transaction meetup. I implement web server for
user information and inventory management.

BigRedHacks DonNet: Donation Network - Back End - Cornell U
Getting resource to victims of natural disaster can be a difficult task.
we created a mobile app which give you the option to identify who
you are (victim, volunteer, donator). Once established, the respective
screen of the individual lets them post items or accomplish tasks by
delivering the item

HackUMass Motion Capture Game - UI and Back End - UMass Amherst
Create a touch-less controller Using an arduino and infrared break
beams.