EBENEZER KWAME AMPIAH
Full-Stack Developer

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EDUCATION

Worcester Polytechnic Institute (WPI)   Worcester, MA
Bachelor of Science, Computer Science   May 2018
Relevant Coursework: Objected-Oriented Analysis & Design (Java), Operating Systems (C), Algorithms (Python), WebWare (Node.js), Database Systems (Oracle)

TECHNICAL SKILLS

Languages: Java, C, C#, Python, HTML, CSS, JavaScript, Node.js, SQL, PHP
Operating Systems: Linux(Ubuntu), Windows
Database Systems: Oracle, MySQL, PostgreSQL, Java DB (Derby), MS SQL Server
Frameworks: JUnit, React, SparkJava, Handlebars, Sql2o, Hibernate ORM
Other Tools: Heroku, IntelliJ, SVN, Git, Trello

RELEVANT EXPERIENCE

Healthcare Solutions Intern, Dimensional Insight, Burlington MA   Jun 2017 - present
- Wrote Python scripts to automate generation of QRDA documents
- Implemented and managed team SVN repository
- Designed and developed prototype application for healthcare reporting

Software Development Intern, Dimensional Insight, Cambridge MA   Jun 2016 - May 2017
- Designed and developed multiple components for proprietary data analysis tool, in C#
- Unit testing with NUnit and NMock3

Teaching Assistant, Computer Science Department, WPI   Aug 2016 - Dec 2016
- Worked in teams of up to 12
- Oversaw labs, logged attendance and held tutoring sessions
- Collected, graded and redistributed assignments
- Courses: Intro to Programming Design, Object-Oriented Design Concepts

Programming Intern Buck Press Limited, Accra   Feb - May 2013
- Maintained an Oracle database for Ghanaian and Liberian passports
- Developed travel document module for refugees in Ghana using C#
- Worked on and off-site to troubleshoot issues with processing passports

PROJECTS

Wave Radio (2-man team), WPI   Aug 2017 - present
- Location-based radio service built on the Spotify API
- Created basic REST server with SparkJava framework, using Sql2o for data layer
- Deployed to Heroku, using the Heroku PostgreSQL addon

VermaMS (Team of 3), WPI   Oct 2016 - May 2017
- Developed an electronic health record system with disease-tracking features suited for the Ghanaian environment
- JavaFX front-end, with an Oracle database backed up to Amazon's RDS (AWS)
- Used Agile kanban approach with continuous delivery pipeline

DHMC Health App (Team of 7), WPI   Mar - May 2016
- Developed hospital patient intake application
- Responsibilities as lead developer included system design, code delegation and review
- JavaFX interface, with Derby database

Shop Management(Independent), London   May - Jun 2015
- JavaFX application to manage stocks in a convenience store

E-Voting (2-man Team), Worcester   Jan - Mar 2012
- Developed an online application for student government elections
- Designed the user interface with JavaScript and PHP, Java for business logic

OTHER EXPERIENCE

Teaching Assistant, Emerging Filmmakers, WPI   Jul 2014
- Guided 11 students to write film scripts
- Helped professor select and edit best one
- Assisted in setting up filming equipment
- Helped each student to produce independent films using Adobe Premier

ACTIVITIES

Brother, Theta Chi Fraternity Epsilon Chapter, WPI   Feb 2014 - present
Member, National Society of Black Engineers (NSBE), WPI   Sep 2013 - present
Member, Black Students Union (BSU), WPI   Sep 2013 - present
Participant, HackRPI, NY   Nov 2015
Participant, BostonHacks, Boston   Oct 2015