EBENEZER KWAME AMPIAH
Software Engineer
646 Greene Ave Apt 2, Brooklyn NY 11221
mr.ampiah@gmail.com | (508) 667-5203
Website: https://mrampiah.netlify.com

EDUCATION

Worcester Polytechnic Institute (WPI)   Worcester, MA
Bachelor of Science, Computer Science   May 2018

TECHNICAL SKILLS

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

EXPERIENCE

Developer, Vitech   Sep 2018 - present
- Write and test code across the entire stack in Java, TypeScript(React), Oracle, PostgreSQL
- Assist client-facing teams with bug-fixing and trouble-shooting
- Part of core team to research and develop 'nextgen' prototype applications
- Work in teams of up to 30 developers and consultants
- Tools & frameworks: Redux, Sencha, Spring, Hibernate

Teaching Assistant, Computer Science Department, WPI   Aug 2016 - May 2018
- Oversaw labs, logged attendance and held tutoring sessions
- Collected, graded and redistributed assignments
- As team coach, guided 10-person team to produce pathfinding application for hospital
- Worked in teams of up to 12
- Courses: Intro to Programming Design, Object-Oriented Design, Software Engineering

Healthcare Solutions Intern, Dimensional Insight, Burlington MA   Jun 2016 - Jan 2018
- Wrote Python scripts to automate generation of QRDA documents
- Implemented and managed team SVN repository
- Designed and developed first draft of prototype application for healthcare reporting
- Designed and developed multiple components for proprietary data analysis tool, in C#
- Unit testing with NUnit and NMock3

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-person 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 for Ghana with disease-tracking
- 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

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

ACTIVITIES

Alumnus, Theta Chi Fraternity Epsilon Chapter, WPI   May 2018 - present
Member, National Society of Black Engineers (NSBE), WPI   Sep 2013 - May 2018
Member, Black Students Union (BSU), WPI   Sep 2013 - May 2018
Participant, HackRPI, NY   Nov 2015
Participant, BostonHacks, Boston   Oct 2015