Ramsey Opp

Watertown, MA | ramsey.opp@gmail.com

Education

BS COMPUTER SCIENCE | AUG 2012 - MAY 2016
ROCHESTER INSTITUTE OF TECHNOLOGY | ROCHESTER, NY

· GPA: 3.64 | Magna Cum Laude

· Relevant coursework: Concepts of Computer Systems, Parallel and Distributed Systems, Mobile Robot Programming, Neural Nets, Intro to Computer Vision, Intro to Intelligent Systems (AI)

Skills

PROGRAMMING LANGUAGES: Java, SQL, C, C++, Python, HTML and Mustache, Perl, Javascript (Backbone, React/Redux)

OPERATING SYSTEMS: Linux, Windows 7, Windows 8, Windows 10

DEVELOPMENT ENVIRONMENTS: Eclipse, Visual Studio, MySQL Workbench, Sublime, VS Code

Current Role

DEVELOPER | ATHENAHEALTH | WATERTOWN, MA | SEPT 2016 - PRESENT

· Full-stack developer: perl backend, javascript and mustache-variant front end

· Taught teammates and other teams React/Redux to bring them up to speed for a tech migration

· Developing workflows and webpages for athenahealth's hospital EMR (electronic medical records) solution

· Currently focusing on rebuilding pharmacy workflows, previously worked on the Surgery solution

· Participated in multiple hospital site visits, collected client feedback and converted customer needs into new features

Former Experience

DEVELOPMENT CO-OP | ATHENAHEALTH | WATERTOWN, MA | SEPT 2015 – DEC 2015

· Built an admin page allowing practice administrators to backfill how doctors are assigned to patient care teams: admins select parameters based on number of visits and specialty to automatically backfill care teams

· Wrote a nightly script to check whether practices created backfill parameters and run the backfill accordingly

DEVELOPMENT CO-OP | GLOBAL PRINTING | ALEXANDRIA, VA | JUNE 2014 – DEC 2014

· Created and managed tools designed to accelerate and facilitate data processing activities for data team

· Primary projects include company-wide file sharing solution and server monitoring programs (Java)

ANALYST | ACCENTURE FEDERAL SERVICES | ARLINGTON, VA | MAY 2013 – AUG 2013

· Designed and implemented SharePoint workflows and features

· Researched learning management and learning content management systems to analyze

alternatives for a federal client · Created a baseline project financial model (MS Excel)

Projects

Read more and view repos at threedliams.github.io

· Developed an AI application in Python to play the game Quoridor – Placed second in the class

· Led a three-person team to design and implement Q-learning variant in lua to improve the performance of an AI playing Dungeon Crawl Stone Soup – Re-wrote project for Intro to AI course using minimax to improve solution

· Collaborated with four-person team to create a localization program given a floor map, sonar, and Kinect sensor – Used point cloud-based algorithm with clouds localized around possible starting points (video: https://youtu.be/reMMjOel4Ks)

· Built a customizable CallbackBot for use with discord. Can generate markov chain messages based on chat history, roll any number of given dice, and respond to incoming messages with text, pictures, or emoji reactions in a data-driven way based on user definitions.

Activities

BOY SCOUTS OF AMERICA: Patrol Leader, Senior Patrol Leader, Junior Assistant Scout Master – Achieved Life Rank

PIANO: 16 years of experience