

Milad Ebrahimi

Phone: (305) 989-5706
Address: Phoenix AZ 85022

Email: Milad19@gmail.com
Portfolio: <http://miladebrahimi.net/>
LinkedIn: www.linkedin.com/in/miladebrahimi/

PROFILE

Computer science engineer with experience in design and development of real time applications. Experienced in object-oriented programming; developing, testing and debugging code; designing interfaces. Quickly learn and master new technologies; successful working in both team and self-directed settings. Core competencies and experiences include Java, C, Angular, web development, agile methodology and Git. The Showcase of some of the previously performed projects are available at my portfolio website and on the github account.

- **Professional:** Self-motivated, Detail-oriented, Problem Solver, Creative Thinker, Team Player, Fast learner

WORK EXPERIENCE

Atos - Syntel, Phoenix, AZ

June 2018 – Present

Software Engineer at American Express (August 2018 – Present)

- Developing workflow applications with Pega BPM.
- Analyzed both Use case specifications and business flow diagrams of the application and effectively designed the rules in context to them.
- Involved in testing and troubleshooting the issues of application using tools like Tracer, Clipboard, Cucumber testing framework.
- Created validation rules to implement business logic validation.
- Worked on User Interface using Harness, Sections, CSS and Flow Action rules.
- Worked on BPM tools such as Pega Platform, Redhat JBoss JBPM.
- Created and maintain Cucumber unit testing to ensure rules integrity.

Leapfactor., Miami, FL

Sept 2017 – Jan 2018

Software Engineer

- Developed a foreign exchange comparison web application with RESTful API using MEAN stack.
- Created functional specification for the new feature on *moniesapp*.
- Created sequence diagrams, state machine diagrams.
- Created flow of events documentations.
- Created different reports for management, marketing and development department needs.
- Wrote user stories, use cases, scenarios for the needed features.
- Developed Knowledge base design for *moniesapp*.
- Created functional specification for monies customer support's platform to merge four other services such as Zendesk into one web application.

Freelance., Miami, FL

Jan 2016 – May 2017

Web Developer

- Developed Mobile responsive, SEO optimized websites for different businesses.
- Developed an E-commerce website with custom checkout and mail marketing automation.
- Developed a website with a booking system

Auto Credit & Finance Corp., Miami, FL

Feb 2009 – June 2013

Office Manager

- Developed and maintained a website for the business
- Created an online payment page
- Provided technical support and problem resolution
- Performed System Upgrades, Updates, Backup
- Prepared documents and contracts
- Cooperated with the sales department to enhance the overall company profit
- Managed all the in-house financing – Software used: Frazer, Credit Manager 4

EDUCATION

Florida International University, Miami, FL

B.S. in Computer Science

Dec 2017

Major GPA: 3.18

- **Related Coursework:** Data Structures, Operating Systems, Database, Software Engineering, Software Testing, Algorithms, Mobile Robotics, Programming II and III (Java and C)

Miami Dade College, Miami, FL

A.A. in Computer Science

May 2015

SCHOOL PROJECTS & DEVELOPMENT

Vocabulary in Reading

- Developed the entire front-end in agile environment using Angular framework and software development lifecycle framework and deployed to the AWS. Vocabulary in reading is a web application built on Spring boot for the backend and Angular for the frontend. VIR aids students and teachers, by returning the color-coded enhanced text, readability measurement and statistical reports for text, documents, pdfs and images as an input.
- Technologies used: Angular, Bootstrap 4, HTML5, SCSS, Sprint boots (Java), SQL, AWS, Git.

Memory management

- Implemented the SLOB allocator (in Linux) to use best-fit allocation algorithms. Resulted in decrease of internal fragmentation within SLOB and increase in speed
- Technologies used: Linux, C.

Software Testing Project (*System Tester*)

- Performed both Specification-Based Testing and Implementation-Based Testing, created necessary rainy and sunny test cases, wrote numerous scripts to automate the testing process for each test cases, created verification points and test data pool base on the test cases, and improved the code coverage to 84%
- Technologies used: Rational Functional Tester, Cobertura, Java, Eclipse.

Autonomous Robot

- Programmed an iRobot Create 2 to autonomously traverse a maze using sensors, camera and different algorithms.
- Technologies used: Arduino Uno, Raspberry Pi 3, Ultra Sonic sensor, Python, OpenCV, Linux.

TECHNICAL SKILLS

- **Programming languages:** C, C++, Java, TypeScript, Python, SQL
- **Frontend:** Angular, HTML, CSS, WordPress, Bootstrap
- **Operating Systems:** Windows, Linux
- **Software development:** SAFe, Agile/Scrum, UML, Software Documentation, Software Testing, Software Development Life Cycle
- **Project Management Tools:** Rally, Confluence, Jira, Trello, Mingle (Thoughtworks), BitBucket
- **Software:** Microsoft Office, Adobe Photoshop, Oracle SQL Developer, pgAdmin, Eclipse, Rational Functional Tester, Git, nmp, VMware
- **Languages:** English, Persian

EXTRACURRICULAR ACTIVITIES

- Miami Dade College Programming Team
- Hackathon (Gainesville | 2017)