Aldrin F. Abastillas

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WORK EXPERIENCE

Epic Systems Corporation   (August 2012 – June 2016)
Technical Services Analyst

- Lead consultant on all outpatient applications to one of the 10 largest nonprofit health systems in the nation
    - Reduced data collection time for population health initiatives from 3 weeks to 3 days by refactoring code, adding error handling, and writing scripts to calculate optimal server settings
    - Reduced time to test build from 2 days to 6 hours by writing scripts to automate end-user workflows
    - Designed a workflow to automatically send flu vaccine reminders to millions of patients, earning their physicians millions of dollars in federal incentive money
- Mentored new hires by shadowing, pair programming, and giving feedback on verbal/written communication

DEVELOPMENT PROJECTS

Epic Systems Corporation

Autograder   (March 2015 – June 2016)
Framework to build grading rubrics and to evaluate end-user training projects. Automated grading would save customers hundreds of hours and thousands of dollars who are currently manually grading papers or hiring outside resources.

- Dev lead for the business logic module
    - Refactored internal legacy code for a customer-facing release version along with group members
    - Prioritized and delegated R&D, bug fixes, etc. to 2 QAers, 4 developers along with other modules
- Dev lead for the framework's UI/client code
    - Wrote UX surveys, designed mockups, and developed wireframes

CustomerPulse   (September 2014 – October 2015)
Co-created a web app aggregating physician efficiency KPIs about customers from many data sources into a dashboard.

- Scrum team product owner
    - Designed and triaged new functionality by using Scrum boards and meeting with stakeholders
- Scrum development team member
    - Developed code across all stacks using ASP.NET MVC, SQL, JavaScript, jQuery, HTML, and CSS

University of Pennsylvania

skinMD   (August 2011 – May 2012)
 iOS and Android app to identify melanoma or basal cell carcinoma using a smartphone camera

- Developed the iOS application to take images of a user's skin and to receive algorithm's prediction
- Developed the MATLAB image analysis and machine learning algorithm along with group members

EDUCATION

University of Wisconsin-Madison: College of Letters and Sciences   (July 2014 – May 2016)
Professional Capstone Certificate

- **Major:** Computer Science; **GPA:** 3.60 / 4.00
- **Courses:** Algorithms, Artificial Intelligence, Databases, Data Structures, Operating Systems

University of Pennsylvania: School of Engineering & Applied Science   (September 2008 – May 2012)
Bachelor of Science in Engineering

- **Major:** Bioengineering; **Minor:** Nanotechnology; **GPA:** 3.22 / 4.00

PROGRAMMING SKILLS

Advanced

- C#.NET, ASP.NET MVC 5

Proficient

- HTML, CSS, JavaScript, jQuery, SQL

Prior Experience

- MUMPS/InterSystems Caché, Java, C++, C, Objective-C, MATLAB, Python

MICROSOFT CERTIFICATIONS

Solutions Associate in Web Applications   (October 2016 – Present)

- ASP.NET MVC 5

Professional Specialist in Visual Studio   (August 2016 – Present)

- Programming in C#