

Alyssa K. Plan

Bergenfield, New Jersey 07621

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PROFESSIONAL EXPERIENCE:

Seabury Enterprise Solutions LLC Software Developer

Summit, NJ
03/2017-09/2018

Company specializing in aviation IT software development, including MRO, Airline Technical Operations, as well as other aviation-related performance analysis tools.

Worked on teams developing, designing and implementing new functionality and enhancements in C#, .NET, PL/SQL, T-SQL, and AngularJS for Enterprise Performance Analysis System (EPAS), a web and desktop application designed to measure flight profitability. Performed quality-assurance testing on several Seabury software products. Provided detailed reports on identified bugs to team members. Participated in daily standup meetings and sprint planning. Showed a willingness to work both independently and in a team.

- Implemented data export functionality to IATA Simplified Invoicing & Settlement System for invoices within the EPAS Contract Performance module (CPAS) using .NET and PL/SQL.
- Restructured data tables and objects within the EPAS Contract Performance module (CPAS) in order to ensure compliance with IATA Simplified Invoicing & Settlement format.
- Enhanced data import functionality into EPAS Airline Performance module (APAS) that fueled improvements to productivity, efficiency and accuracy using .NET and PL/SQL.
- Implemented "Accounting Module," a configurable web-based ETL tool that allows MRO systems to import transactional data into General Ledger systems using ASP.NET, C#, AngularJS and MSSQL.

Lux Fund Technology & Solutions LLC Software Developer (Contracted to Lux Fund Technology and Solutions)

New York, NY
09/2016-12/2016

Company providing technical implementation, integration and support services around analytics and operational technology to hedge funds, fund administrators, and prime brokers.

Worked closely with CTO in developing and implementing new functionality and enhancements for Transcend, a web application suite designed for use by hedge funds and hedge fund administrators. Showed a willingness to work both independently and in a team.

- Implemented data export functionality (to csv, xlsx) and drilldown functionality for Transcend's dashboard widgets using T-SQL, C# and Angular.js, as well as Wijmo and Highcharts for data visualization.
- Implemented the ability to categorize financial reports by user-generated categories using SQL, C#, and AngularJS in order to improve usability.
- Redesigned Transcend's sample SSRS reports in order to establish a consistent look-and-feel with the product.
- Redesigned layout for our financial reporting tool using HTML/CSS and AngularJS to improve usability and to fit the modern market.

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Technical Consulting & Research, Inc. Cybersecurity Intern

01/2016-07/2016
Weston, CT

Company offering training, technical consulting, program assessment, and research to businesses in Healthcare and Education.

Assisted in developing protocol for HIPAA-compliant transferral of medical images on the administrative level. Researched HIPAA-compliance in hospital administration. Researched available HIPAA-compliant software for transferring medical images. Presented research and proposals to CEO and CTO weekly through GoToMeeting.

EDUCATION:

Rutgers University B.S. Computer Science

New Brunswick, NJ
10/2016

Minor: English, Certificate in Creative Writing

PROJECTS:

Simple Sudoku Solver

07/2015

<https://github.com/akplan/Simple-Sudoku-Solver>

Assignment for Intro to Artificial Intelligence at Rutgers University. Implemented local search algorithms (genetic algorithms) in Python to solve a given 4x4 Sudoku puzzle.

Fluffy, Your Caring Cabbit

04/2015

<http://github.com/akplan/Fluffy-Your-Caring-Cabbit>

Pebble Watch application that gives suggestions for relieving anxiety (guided deep breathing, motivational quotes, and constructive activities.) Written in Javascript/Pebble.js, with graphics created with GIMP 2.6.

- Won "Best Wearable Hack" at HackRU, Spring 2015

SKILLS:

Languages: C#, JavaScript, SQL, Java, HTML, CSS, Python, C, bash

Databases: Microsoft SQL Server (T-SQL), Oracle RDBMS (PL/SQL), MySQL

Technologies: AngularJS, .NET(ASP.NET), JavaFX, Android, node.js

Platforms: Linux, Windows, Apple OS X

Development: Git, vim, Microsoft Visual Studio, Eclipse, Android Studio, Fiddler, Agile methodology, TFS, JIRA

Design: Bootstrap, Adobe Photoshop, Adobe Illustrator, Inkscape, GIMP, Adobe Flash, Balsamiq, Blender