Carlos Adrian Gomez

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EDUCATION

California State University Channel Islands   Camarillo, CA
Bachelor of Science: Computer Science (GPA: 3.7)   Expected May 2017
Minor: Mathematics

Relevant Coursework

Object-Oriented Programming	Programming Languages	Analysis of Algorithms
Data Structures & Algorithms	Operating Systems	Intro to Artificial Intelligence
Discrete Mathematics	Probability & Statistics	Linear Algebra

TECHNOLOGIES

- C#; Java; Python; JavaScript; JQuery; HTML; CSS; XML; JSON; SQL
- Microsoft Visual Studio; JetBrains IDEA and PyCharm; Team Foundation Server; Git

EMPLOYMENT

Charles Schwab & Co., Inc. - *Software Development Intern*   6/16 – 8/16
- Wrote single-page application in ASP.net to aggregate data from several internal web services, reducing time to gather data by 80% versus manual data gathering
- Gathered client requirements and built a user interface using Bootstrap and Angular implementing SAML authentication
- Collaborated with Schwab service owners and built a RESTful API in C#, proxying API requests from the user interface to their SOAP based services, and tested it using Fiddler

CPI Solutions - *Software Development Intern*   2/16 – 5/16
- Wrote functionality and usability tests in JavaScript for a client's web application
- Refactored existing tests leading to an increase in test speeds by 30%
- Used JIRA to find user stories, Bamboo for test automation, and Confluence to track test status

PERSONAL PROJECTS

iSprinkle
Wrote a web application for the Raspberry Pi which allows users to set an automatic watering schedule for their home sprinkler system, utilizing Wunderground.com weather forecasts for automatic water budgeting.

- Built a responsive, mobile-friendly frontend with Bootstrap and Angular
- Created a RESTful API using Flask
- Maintained a SQLite database to record watering logs

forecastBot
Wrote a Python script that responds to Reddit.com user comments with the weather forecast for a specified city.

- Used the Python Reddit API Wrapper and the Wunderground.com API
- Maintained a SQLite database to keep track of replies to users