ABEL ZATARAIN

2490 San Clemente Ave Vista, CA 92084

Phone: 619 727 1612 ♦ abezat@gmail.com

GitHub: https://github.com/abe-zt

SKILLS

- Proficient in C/C++, C#, and Java
- Experience with Linux/Unix
- Version control experience using GitHub and Bitbucket
- Embedded Systems Experience - Worked with STM32 Nucleo Development Boards/mbed platform

- Mobile Development - iOS, Android, using Xamarin Forms
- Excellent communication, collaboration, reporting, and problem-solving skills
- High degree of loyalty, integrity, ethics and professionalism in work habits

WORK HISTORY

ATE Test Technician,   *07/2014 to 10/2014*
Pulse~LINK – Carlsbad, CA
Summer Internship
- Performed consultant work-margin testing on devices using the Teradyne Catalyst Mixed Signal Tester.

Geek Squad Consultation Agent,   *09/2011 to 05/2014*
Best Buy Chula Vista – Chula Vista, CA
- Answered customer concerns with up-to-date knowledge of home electronics.
- Provided general customer service and software/hardware troubleshooting and installations in-store. Services provided included:
- Home-user system backups, virus removals, hardware upgrades, insurance and warranty fulfillment. Resolved customer grievances as relevant to the department

EDUCATION

California State University San Marcos   Graduation Date: December 2018
Bachelor of Science: Computer Science

- Completed coursework includes C/C++, C# & Java programming languages, Object Oriented Design, Data Structures, Embedded Systems, Operating Systems, Computer Networking, Source Control, Deep Learning with Python, and Cross-Platform Mobile Apps with Xamarin Forms- Android, iOS, & UWP.

Individual projects:
- Developed simple cross-platform prescription management app.
- Database: App keeps a local database of user-entered prescriptions and doses via SQLite, allowing user to set simple reminders.
- RESTful APIs / JSON parsing: App displays local prescription recall information through calls API calls.

Group Projects:
- Created a simple 3D dungeon crawl video game on the Unity Game Engine
- Embedded Systems: Created a basic sound synthesizer powered by the STM32 NUCLEO-F446RE Development Board using mbedOS
- Version control using GitHub and Atlassian Bitbucket

Additional Skills

Bilingual
English & Spanish High degree of fluency - Read, write, speak and comprehend.

Music Director
Over 10 years of experience as a pianist and as director of church band. Responsibilities including:

- Coordinating and directing band practices
- Music arrangement and backing track composition for small-band environments

REFERENCES

Raymundo Uribe
760 213 9029
Senior Staff Engineer at Infineon Technologies

Gabriel Beas
619 920 5782
Senior Pastor
Lugar de Encuentro
www.lugardeencuentro.org