



Jeremy Valdez

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Education

The University of Hawai'i at Hilo – College of Arts and Science

Bachelor of Science in Computer Science, Minor in Communication

May 2017

Cumulative GPA: 3.08

Relevant Coursework: Data Structures, Numerical Analysis, Software Engineering I & II, Artificial Intelligence, Operating Systems, Database Internals, Database Systems Design, Linear Algebra, Theory of Computing

Technical Skills

- **Programming Languages:** Proficient in C/C++, C#, Java, SQL; exposure to Python, JavaScript, HTML
- **Software Development Tools:** Visual Studio, NetBeans, Eclipse, Atom, Git

Work Experience

Software Engineer Intern

United States Department of Defense – Hawai'i

May 2016 - August 2016

- Applied my software development skills to build an engineering tool that retrieves information from multiple sources to trace virtual desktop infrastructure (VDI) sessions currently in use, available, and most/least used.
- Produced multiple reports to evaluate network trends with VDI accounts - including IP addresses, desk IDs, users, organizations, and session usage.
- Implemented four software requirements by the end of internship (C#, HTML, SQL).

Office Assistant

The University of Hawai'i at Hilo – University Housing

August 2015 - May 2017

- Acted as the first point of contact for student residents and guests all while maintaining confidentiality.
- Managed various administrative duties including maintenance requests, incident reports, and room transfers.
- Coordinated campus/community events in collaboration with other campus organizations.

Balloon Twister

Balloon Art by Jeremy

May 2012 - Present

- Established a balloon twisting entertainment service for birthday parties, weddings, and special events.
- Memorized fifty-two balloon designs from watching YouTube tutorials and creating original designs.
- Volunteered and sculpted balloon figures for attendees at Relay for Life of the University of Hawai'i at Hilo.

Projects

Seichō (Software Engineering Capstone Project)

August 2015 - May 2016

- Developed a mobile educational application (Windows Phone), with a four-person team, that helps users practice and improve their knowledge of correctly using kanji to form complete sentences (C#).
- Created a cloud database (SQL), via Microsoft Azure, and linked it to the mobile application to collect user data.
- Designed and built a web application (ASP.NET MVC 5) to monitor each user's progress (C#, HTML5).

iSpy (Computer Architecture Group Project)

January 2016 - May 2016

- Programmed an image processing software on a Raspberry Pi, with an external camera module, to detect specific colors within specified boundaries (Python).