






# 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*  
**Cumulative GPA: 3.08**

**Hilo, HI**  
*May 2017*

**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

**United States Department of Defense**  
*Software Engineer Intern*

**Wahiawa, HI**  
*May 2016 - August 2016*

- Applied my software development skills to build an engineering tool that retrieves information 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)

**The University of Hawai'i at Hilo – University Housing**  
*Office Assistant*

**Hilo, HI**  
*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 and community events in collaboration with other campus organizations

**Balloon Art by Jeremy**  
*Balloon Twister*

**Hilo, HI**  
*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**

*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)