

# Jeremy Valdez

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## Education

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

Hilo, HI 96720

*B.S. Computer Science, Minor in Communication*

May 2017

**Cumulative GPA:** 3.08

**Relevant Coursework:** Software Engineering I & II, Data Structures, Artificial Intelligence, Database Systems Design, Discrete Mathematics for Computer Science, Linear Algebra, Numerical Analysis, Theory of Computing

## Work Experience

### United States Department of Defense

Wahiawa, HI 96786

*Software Engineer Intern*

May 2016 - August 2016

- Applied my software engineering skills to develop an engineering tool that pulls data 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
- Completed four software requirements by the end of internship (C#, HTML, SQL)

### The University of Hawai'i at Hilo – University Housing

Hilo, HI 96720

*Office Assistant*

August 2015 - May 2017

- Acted as the first point of contact for hundreds of student residents all while maintaining confidentiality
- Organized campus and community events in collaboration with other campus organizations
- Managed situations (emergencies, thefts, altercations, etc.) according to procedures and ensured proper documentation

### Balloon Art by Jeremy

Hilo, HI 96720

*Professional Balloon Artist*

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 my own original designs
- Volunteered my craft at Relay for Life to help raise money for the American Cancer Society

## Projects

### Seichō

Hilo, HI 96720

*Software Engineering Capstone Project*

August 2015 - May 2016

- Developed an educational mobile game (Windows app), 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 SQL database, via MS Azure, and integrated it with the app to collect user data
- Designed and built a web app (ASP.NET MVC 5) to monitor each user's progress (C#, HTML5)

### iSpy

Hilo, HI 96720

*Computer Architecture Semester 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)

## Skills

**Programming Languages:** Proficient in C/C++, C#, Java, SQL, HTML; competent in Python, JavaScript, Scala

**IDEs/Toolsets:** MS Visual Studios, NetBeans, Eclipse, Git/GitHub, Atom

**Operating Systems:** Windows, Linux/Unix