

# Jeremy Valdez

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## Education

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**The University of Hawaii at Hilo – College of Arts and Science**

**Hilo, Hawaii**

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

*May 2017*

**Cumulative GPA:** 3.08

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

## Work Experience

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**United States Department of Defense**

**Wahiawa, Hawaii**

*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 Hawaii at Hilo – University Housing**

**Hilo, Hawaii**

*Office Assistant*

*August 2015 - May 2017*

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

**Balloon Art by Jeremy**

**Hilo, Hawaii**

*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

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**Seichō** (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** (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

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

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

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