

Todd K. Taomae

<https://github.com/ttaomae>

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(808) 218-8853

Education

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| Master of Science in Computer Science
UNIVERSITY OF HAWAI'I AT MĀNOA <ul style="list-style-type: none">GPA: 4.0 | December 2015 |
| Bachelor of Science in Computer Science
UNIVERSITY OF HAWAI'I AT MĀNOA <ul style="list-style-type: none">Major GPA: 3.47Overall GPA: 3.39 | December 2012 |

Work Experience

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| Software Developer | January 2017 - Present |
| Software Developer Intern
HAWAI'I STATE ARCHIVES – HONOLULU, HI <ul style="list-style-type: none">Develop software for the Hawai'i State Digital Archives Project using Java 8 and Spring Framework.Work in a small team using agile methods.Identified and resolved multiple bugs and memory leaks in core infrastructure. | May 2015 - December 2016 |
| Research Assistant
UNIVERSITY OF HAWAI'I AT MĀNOA – HONOLULU, HI <ul style="list-style-type: none">Investigated solar irradiance forecasting using data mining techniques. | January 2015 - August 2015 |
| Teaching Assistant
UNIVERSITY OF HAWAI'I AT MĀNOA – HONOLULU, HI <ul style="list-style-type: none">Graded assignments and/or instructed labs for the following courses:<ul style="list-style-type: none">Introduction to Computer Science [2 semesters]Introduction to Computer Science II (Data Structures) [1 semester]Operating Systems [2 semesters]Logic Design & Microprocessors [1 semester] | January 2013 - December 2014 |

Projects

- ConnectN** - <https://github.com/ttaomae/ConnectN>
JAVA, JAVA FX
- Clone of Connect Four with adjustable parameters such as grid size and win condition.
 - Supports user input via mouse or computer player which uses alpha-beta pruning.
 - Basic client-server protocol to support multiplayer over a network.

Skills & Qualifications

Experience with the following programming languages:

- Proficient with: Java
- Familiar with: Python, C

Experience with the following tools and software:

- Proficient with: Eclipse, command line, Git, Maven
- Familiar with: Atlassian tools (JIRA, Crucible, Confluence, and others)
- Experience with: IntelliJ, \LaTeX

Written communication

- Maintain personal blog on technical topics: <https://ttaomae.github.io>