RYAN HAUSEN

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EDUCATION

University of California, *S*anta Cruz (2015 -)
Master of Science, Computer Science
Expected PhD

Azusa Pacific University, 2014
Bachelor of Arts, Computer Information Systems

PUBLICATIONS

Hausen, R. and Robertson, B. E., “Morpheus: A Deep Learning Framework for the Pixel-level Analysis of Astronomical Image Data”, The Astrophysical Journal Supplement Series, vol. 248, no. 1. 2020.

Robertson, B. E., Banerji, M., Brough, S., Davies, R. L., Ferguson, H. C., **Hausen, R.**, ... & Wechsler, R. H. “Galaxy formation and evolution science in the era of the Large Synoptic Survey Telescope”, Nature Reviews Physics, vol. 1, no. 7. pp. 450–462, 2019.

Neller, T. W., Keeley, S., Guerzhoy, M., Hoenig, W., Li, J., Koenig, S., **Hausen, R.**, ... & Resnick, C. (2020). Model AI Assignments 2020. In AAAI (pp. 13509-13511).

Norouzi, N., and **Hausen, R.,** "Quantitative Evaluation of Student Engagement in a Large-Scale Introduction to Programming Course using a Cloud-based Automatic Grading System." In *2018 IEEE Frontiers in Education Conference (FIE)*, pp. 1-5.

Hausen, R., Tang, B., Sambasivan, S., and Lin, S., "Maximizing data preservation time in linear sensor networks." In *2014 IEEE 11th International Conference on Mobile Ad Hoc and Sensor Systems*, pp. 513-514.

Hausen, R., Sambasivam, S., Lin, S., "Health Journal Web Service using Cloud Computing." In Proceedings of the International Conference on Frontiers in Education: Computer Science and Computer Engineering (FECS), p. 1. 2014.

WORK EXPERIENCE

May 2013 – Sept 2015

Software Engineer, *Power Settlements Consulting and Software*

Designed and developed 24-hour real-time systems for energy companies to easily and reliably manage their units and participate in ISO/RTO markets. Mentored junior software engineers and interns.

Sept 2012 – June 2013

Research Assistant, *Azusa Pacific University*

Worked under the supervision of Dr. Tang on the storage and retrieval of data in sensor node networks.