



DAVID HALVORSEN

DATA ANALYST

SKILLS

- Code: Python, R, SQL, & Shell Scripting
- Science: Immunofluorescence, Flow Cytometry, Cell Culture, HPLC, GC, qPCR, Data Analysis, Laboratory Automation, Telomerase
- Tools: Excel, ImageJ, MySQL, Evernote, Dropbox
- Operating Systems: Ubuntu Linux & Windows

WORK EXPERIENCE

SENS Research Foundation, Research Associate

AUG 2012- OCT 2017

- Tested samples for collaborations with three international research groups
- Presented research poster in Brussels, Belgium
- Led the transition of ten researchers from paper to electronic (Evernote) lab record keeping
- Co-authored a research grant for \$25K
- Co-developed a high-throughput screen for detecting immunofluorescence colocalization
- Mentored six summer interns from project start to final conference poster presentation
- Co-created DNA circle test detection method that was 10X faster & 4X cheaper than previous method

Plattsburgh State University, Teaching Assistant

MAY 2009 - AUG 2011

- TA for biology, organic chemistry & biochem labs
- Graded labs, explained theory & safety, and prepared reagents for groups of +15 students
- Received Biology Educator Award, 2011

PUBLICATIONS

- Silva H; Halvorsen D; Henson JD, 2015, 'Control ALT, delete cancer', Scientist, vol. 29, no. 4
- Halvorsen, D., Silva, H. 2015. High Throughput Telomeric Circle Assay. U.S. Patent Application US2015031831, filed May 2015. Patent Pending.

SUMMARY

In 5 years of experience in cancer research, I analyzed large datasets with therapeutically-relevant endpoints. Cancer assay development inspired me to learn more about data handling tools to speed up my research. I have a desire to use my knowledge to help people with technology.

CONTACT

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www.github.com/davehalvorsen

EDUCATION

UCSC Silicon Valley Extension
Data Analytics Certificate,
(Python, R, SQL), Aug 2018

Plattsburgh State University
Bachelor of Science, Biochemistry
Minor: Physics, May 2011