

SKYLER MISHKIN

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3100 Broadway St. #206, Boulder CO, 80304

HIGHLIGHTS

An ambitious self-starter with advanced technical skills :: object oriented programmer with experience in common and novel bioinformatics tools and pipelines :: proven track record and experience in molecular biology and Next Generation Sequencing

WORK EXPERIENCE

ArcherDX, Inc

March 2016 - July 2018

Sr. Research Associate, R&D :: Software Intern

Boulder, CO

- 'In-silico' study design, implementation, and analysis
- Comprehensive maintenance of in-house efforts on cohort studies and scientific collaborations
- IVD Assay Development team for company's first FDA regulated NGS companion diagnostic
- Experiment design and execution (wet lab and analytical), SOPs, Pre-Clinical supporting documents
- Nucleic acid extraction, library construction, sequencing, analysis, reporting, communication
- NGS instrumentation and lab maintenance

Genentech

November 2014 - July 2015

Sr. QC Analyst, Network Product Testing

Vacaville, CA

- Ingrained quality and rigorous SOP adherence in cGMP environment
- Lead development of the QC NPT website, metrics dashboards, and automated process improvements
- SEC and IEC HPLC, osmometry, LIMS experience, Kaizen, 5S, audit readiness, trouble-shooting and maintenance, reagent preparation, proper handling and disposal of hazardous chemicals

Memorial Hospital

September 2013 - October 2014

Medical Scribe

Santa Rosa, CA

- Documentation of Physician performed services in level II trauma center
- Broad medical insight into illnesses, diagnostic techniques, and medical procedures

EDUCATION

University of California, Santa Barbara

June 2013

B.S. Biochemistry - Molecular Biology

- Cumulative GPA: 3.48
- Minors in Chemistry and Philosophy

Santa Rosa Junior College

2014

- 4.0 cumulative GPA for personal interest courses in C++ and JavaScript

COMPUTATIONAL SKILLS

- Proficient in Python
- Version control (git) and GitHub
- Bioinformatics pipelines and tools
- Linux, Bash
- Working knowledge of C++, R, SQL
- Experience in JavaScript, HTML, CSS