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 - Present
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 preparation, 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
· Prior experience in JavaScript, HTML, CSS