

Tommy Armstrong

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<https://armte.github.io/portfolio>

EDUCATION

Oregon State University – Corvallis, OR (Ecampus)

Sept 2018 – Spring/Summer 2020

Bachelor of Science: Computer Science – Post Baccalaureate, GPA: 4.0

- Coursework: Discrete Mathematics, Introduction to Programming I&II (C++), Computer Architecture, Web Development, Data Structures.

University of Washington – Seattle, WA

Sept 2009 - June 2014

Bachelor of Arts: Mathematics; Bachelor of Science: Biochemistry, Chemistry GPA: 3.6

University of Washington, Seattle, WA

- Relevant Coursework: Probability, Statistics, real analysis, Linear analysis, Multivariable Calculus, Number Theory, Scientific research, Linear programming, Statistics, Probability, Data Analysis, Experimental Design.

WORK EXPERIENCE

Meridian Surgery Center - Puyallup, WA

Apr 2017 – Feb 2018

Medical Assistant, Sterile Tech

- Managed and worked the front and back office of the clinic.
 - Coordinated with other medical facilities and providers to ensure consistent and efficient patient care.
- Sterilized surgical instrumentation and assisted medical professionals to facilitate the work flow of the surgery center
- Implemented Microsoft Excel to analyze data on infection rates, patient satisfaction and expense comparisons.

Physassist: Providence Centralia Hospital – Centralia, WA

Oct 2016 – Mar 2017

Emergency Department Scribe

- Directly assisted the physicians in their documentation of patient encounters
 - Rendered the history of present illness (HPI), review of systems (ROS) and physical exam (PEX) within each patient's electronic medical record.
 - Worked in a fast paced and demanding medical environment that honed mental endurance with 12 hour shifts.

Seattle Genetics – Bothell, WA

Jul 2014 – Aug 2016

Purification Research Associate

- Designed and conducted experiments to generate data for antibody production process development.
 - Documented experimental findings and data using an electronic lab notebook (ELN).
 - Utilized JMP statistical software, Excel, UNICORN chromatographic software to collect and analyze experimental data.
 - Summarized experimental results in the form of company official reports.
 - Analyzed, interpreted and organized data that concluded in process development decisions and conveyed those outcomes to upper management with presentations.
- Collaborated successfully with upstream and downstream departments to optimize production process.
- Conducted lab work at small scale (bench-top) and large scale (manufacturing).
- Wrote standard operating procedures (SOP) regarding antibody purification that followed GMP/GLP standards.
- Conducted viral studies at various labs throughout the nation.
- Provided manufacturing support at contracted plants.

Institute of Stem Cell and Regenerative Medicine - Seattle, WA

Oct 2012 – Jun 2014

Research Assistant

- Performed research and analysis on cell epigenetics using the chromosome conformation capture technique to analyze the three dimensional structure of DNA and interactions among DNA segments.
- Quantitative PCR (RT-PCR, Real Time Polymerase Chain Reaction) techniques were utilized as well as the running of DNA gels, RNA and DNA extractions, flow cytometry, standard PCR runs and cell culture techniques.

SKILLS & ADDITIONAL INFORMATION

- Technical: C++, Java, Javascript, HTML, CSS, x86 MASM, SQL, Matlab, Excel, Office, Powerpoint
- Scored among the top 9% on the 2016 MCAT