

Serina Tsang

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EDUCATION

Bachelor Degree, Chemistry - University of Washington, Seattle, WA, 2002
Software Development 201 and 301 Completed – Code Fellows, Seattle, WA, 8/2016
Currently Enrolled at UW Coding Boot Camp – University of Washington, Seattle, WA,
expected graduation date March 2020

WORK EXPERIENCE

Research Scientist 2 –

University of Washington, Dept. of Comparative Medicine - 11/2008 to present

- Specialist in gene-targeted mouse ES cell techniques including:
 - Electroporating gene targeting constructs into wild-type ES cells
 - Culture of cells under antibiotic selection
 - Proficient at picking drug resistant clones
 - Harvest/Use/Expansion of mouse embryonic fibroblasts
 - Thawing/Passaging/Freezing mouse ES cell lines
 - Establish and maintain a large clientele
- In Vivo Services mouse colony manager: monitoring altered health and behavior, weaning, ear tagging for identification, tissue biopsies for analysis, animal breeding, and animal shipping
- Run PCR and gels for mouse genotyping
- Tissue collection/Necropsy on mice and rats
- Drug dosing via oral gavage or rat tail vein
- Daily management of lab operations:
 - order and stock lab supplies
 - liaison for investigators for inspection and compliance, identification and application of solutions to individual problems
 - compilation, recording, and delivery of results to supervisory chain and research labs
- Supervision and training of student helpers

Familiarity with: ES microinjection into blastocyst stage mouse embryos; embryo and sperm cryopreservation; IVF

Research Scientist 1 –

University of Washington, Dept. of Comparative Medicine - 7/2002 - 11/2008

Same duties as above – promoted to Research Scientist 2

Retail Sales Associate -

Abercrombie and Fitch, Bellevue, WA, 11/1997 - 3/1998

- Attentive in assisting customers.
- Efficient in restocking, making cash register transactions, and cleaning.

Human Resources Manager –

Microsoft, Redmond, WA, 10/1996 – 1/1997

- Formed and operated a small business enterprise with other students Sterilization of lab equipment
- Managed attendance, stock, and morale issues of the company Health check and administer medications
- Effectively promoted and sold our company's products.
- Held weekly meetings involving the company's financial status, product development/improvement, and new business tactics.
- Participated in sales blitzes (selling door-to-door).

**Personal
Attributes**

Fast learner, efficient, hard-working and focused.
Well-organized, detailed, and committed to meeting
schedules.
Works well with others.
Patient in training students.

Skills

Foundations of computer science and full stack web
development, including basic data structures &
algorithms, object-oriented programming concepts,
HTML/CSS/JavaScript, API implementation and a variety
of industry standard development tools. Currently
working on Node.JS

References:

La'Akea Siverts (206) 406-0049
John Morton (206) 221-7408