

Serina Tsang

3009-106th Ave SE / Bellevue, WA / 98004 • (425) 301-2906 • serinat@uw.edu

EDUCATION

Bachelor Degree, Chemistry - University of Washington, Seattle, WA, 6/2002
Software Development 201 and 301 Completed – Code Fellows, Seattle, WA, 8/2016
Currently enrolled in University of Washington Coding Boot Camp, Seattle, WA
Expected graduation 3/2020

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:
 - Successfully electroporate/transfect various gene targeting constructs into wild-type ES cells
 - Efficient culture of cells under antibiotic selection
 - Proficient at picking large amounts of drug resistant clones
 - Harvest/Use/Expansion of vast mouse embryonic fibroblasts
 - Conservative and precise thawing/Passaging/Freezing of various mouse ES cell lines
 - Sperm Cryopreservation
 - Easily establish and maintain a large clientele
 - Alteration and simplification of numerous lab protocols
- 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
- Successfully run PCR and gels for mouse genotyping
- Efficient and precise tissue collection/necropsy on mice and rats
- Successful drug dosing via oral gavage or rat tail vein injections
- Daily management of lab operations:
 - Consistent lead in ordering and stocking lab supplies at discounted pricing
 - Liaison for investigators for inspection and compliance, identification and application of solutions to individual problems
 - Accurate and consistent compilation, recording, and delivery of results to supervisory chain and research labs
- Diligent and consistent supervision and training of student helpers and colleagues.

Familiarity with: ES cell microinjection into blastocyst-stage mouse embryos; embryo 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 organizing.

Human Resources Manager –

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

- Formed and operated a small business enterprise with other students.
- Efficiently managed attendance, stock, and morale issues of the company.
- Effectively promoted and sold our company's products.
- Strategically held weekly meetings involving the company's financial status, product development/improvement, and new business tactics.
- Openly participated in sales blitzes (selling door-to-door).

**Personal
Attributes**

Fast learner, efficient, diligent and focused.

Well-organized, detailed, and committed to meeting schedules.

Works very well with others, amiable.

Patient in training students and colleagues.

Skills

Foundations of computer science and 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

Microsoft Office

References:

Bob Hunter (206) 685-3962

La'Akea Siverts (206) 406-0049