

William Davis

williamdav@protonmail.com

git.williamdav.com

216-352-3232

TECHNICAL SKILLS

Intermediate level Python, Golang, AWK programming, basic R

5 years experience using Unix / Bash utilities for data handling / text editing / data interrogation

4 years experience with MySQLdb / MariaDB / Postgres for professional and personal use

8+ years experience Microsoft Office and Google Workspace

EXPERIENCE

Research Assistant II - Case Western Reserve University

September 2015 - Present

Immunochemistry and other histological and molecular biology techniques, fluorescence microscopy, equipment management and maintenance, inventory monitoring and procurement, management of a multi strain mouse colony, protocol and data management.

MSc research project - Nuffield Department of Obstetrics & Gynaecology

April 2014 - August 2014

Development of techniques for the analysis of multiple imprinted loci in embryos.

Next generation sequencing using the Ion PGM system, bisulfite sequencing, data analysis, primer design, multiplex PCR.

Student volunteer - Department of Biological Sciences, Kent State University

Fall 2012 - Spring 2013

Examination of neuronal development in mice with a fibroblast growth factor 8 deficiency. Basic molecular biology techniques, DNA isolation, in situ hybridization, animal handling and surgery.

EDUCATION

2014 **MSc Clinical Embryology** The University of Oxford

2013 **BS Biology** Kent State University