Trevor F. Enright

E-mail: tenright@uoregon.edu   Mobile: 541-968-7216

LINKEDIN.COM/IN/TREVOR-ENRIGHT   GITHUB.COM/TCLOAKEN

EDUCATION

Expected 2019   UNIVERSITY OF OREGON, M.S. Bioinformatics and Genomics Program

June 2018   UNIVERSITY OF OREGON, B.S. Mathematics & Computer Science

June 2011   LANE COMMUNITY COLLEGE, A.A.S Energy Management

BIOINFORMATICS PROFICIENCIES & SKILLS

- Gene mapping
- Single-cell RNA-seq
- RNA-seq processing
- Ortholog discovery
- NGS read processing
- DNA extraction & preparation
- Fish husbandry
- C++ programming
- Bash shell scripting
- Python scripting
- R/R markdown scripting
- Dynamic programming

RESEARCH EXPERIENCE

Single Cell Analyses of Olfactory Neuron Development project;   *Sept. 2018–present*
University of Oregon and Stowers Institute; advised by Dr. Ron Yu

   Analyzed mouse olfactory epithelium scRNA-seq; responsibilities included developing and executing pipeline for bioinformatic processing and analysis of single-cell data; professional presentation of data

Laboratory Technician; University of Oregon, Institute of Neuroscience;   *Sept. 2013–2018*
advised by Dr. John Postlethwait

   Worked with researchers to maintain hundreds of zebrafish lines & spotted gar colony; duties included identifying disease, following protocols for lab safety & animal welfare, PCR genotyping, *in vitro* fertilizations & fin-clipping

Laboratory Assistant; University of Oregon, Institute of Neuroscience;   *Feb. 2009–Sept. 2013*
advised by Dr. John Postlethwait

RELEVANT COURSEWORK

- Computational Statistics I & II
- Advanced Biological Statistics
- Advanced Topics in Genomic Analysis
- Regression and Variance
- C++/Unix
- Genomic Techniques
- Automata Theory
- Intermediate Algorithms
- Computation Methods & Genomics Analysis

PUBLICATIONS

Desvignes, T., Carey, A., Braasch, I., **Enright, T.** and Postlethwait, J.H., 2018. Skeletal development in the heterocercal caudal fin of spotted gar (lepisosteus oculatus) and other lepisosteiformes. Developmental Dynamics, 247(5), pp.724–740.