

Harold W. Bell

harrybell.me | github.com/hwbell

Overview

Scientist turned web developer, with passion for and experience in web design, application infrastructure, and full stack web development.

Experience

Granicus Inc. | Denver, CO, 09/2019 - Present

Web Designer/ Technical Services Specialist

- Constructed pixel-perfect templates with HTML, CSS, Javascript and PHP, powering public sector clients to streamline government and public facing software solutions.
- Provided technical support solutions directly to clients to ensure maximum efficiency and productivity from company software.
- Coordinated across technical and customer support teams to solve technical issues and maintain client websites and CMS systems.
- Independently investigated and extended scope of software products to manipulate and display client data dynamically and flexibly.
- Valued member of SaaS Kanban team, specifically in the refactoring and modernization of legacy code.

University of Colorado | Aurora, CO, 01/2017 - 04/2019

Professional Research Associate

- Developed experimental methods and laboratory database system for clinical research study. Managed laboratory sample collection and processing.

National Jewish Health, Denver, CO, 2016 – 2017

Research Associate

- Coordinated with senior researchers to manage extensive animal colony, database, and laboratory operations supporting basic research of lung stem cells.

Brandeis University, Waltham, MA, 2010 – 2015

Research Associate

- Developed image analysis software tools to streamline collection and processing of experimental data.
- Managed development of experimental methods and data analysis.

Publications

Takeishi A, Yu YV, Hapiak VM, Bell HW, O'Leary T, Sengupta P.(2016)
Receptor-type Guanylyl Cyclases Confer Thermosensory Responses in *C. elegans* Neuron. 90, 235-44.

Yu YV, Bell HW, Glauser D, Goodman MB, Van Hooser SD, Sengupta P. (2014)
CaMKI-Dependent Regulation of Sensory Gene Expression Mediates Experience-Dependent Plasticity in the Operating Range of a Thermosensory Neuron. Neuron 84, 919-26.

Schild LC, Zbinden L, Bell HW, Yu YV, Sengupta P, Goodman MB, Glauser DA. (2014) The Balance between Cytoplasmic and Nuclear CaM Kinase-1 Signaling Controls the Operating Range of Noxious Heat Avoidance. Neuron 84, 983-96.

(978) 810 2236

harold.william.bell@gmail.com

Education

Front End Certificate

Data Visualization Certificate

Free Code Camp
freecodecamp.com | 2017

Bachelor of Science

Cell and Molecular Biology

Salem State University
Salem, MA | 2008

Skills

- HTML
- CSS / Sass
- JavaScript
- jQuery
- Bootstrap
- React.js
- React Native
- Angular
- Node.js
- Express.js
- MongoDB
- PHP
- D3.js
- Jest
- Enzyme
- npm
- GitHub
- Jira/Kanban
- Heroku
- AWS S3
- Linux OS
- Python
- MATLAB
- Adobe CC