Harold W. Bell

harrybell.me || github.com/hwbell

📱 **(978) 810 2236**
harold.william.bell@gmail.com

Overview

Experienced scientist transitioning to full-time web developer, with expertise in research design, project management, data analysis, and full stack web application development.

Experience

University of Colorado | Aurora, CO, 01/2017 - 04/2019
Web Developer
Designed and developed mobile app for subject recruitment, gained experience utilizing modern tools and frameworks to build and maintain full stack web and mobile apps.
Professional Research Associate
Developed experimental methods and laboratory database system for clinical research study of lung disease, 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 equipment and supplies, oversaw development of experimental methods and data analysis.

Publications

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.

Wasserman SM, Beverly M, Bell HW, Sengupta P. (2011) Regulation of Response Properties and Operating Range of the AFD Thermosensory Neurons by cGMP Signaling. Curr Biol. 21, 353-62.

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
- Node.js
- Express.js
- MongoDB
- D3.js
- npm
- git
- Heroku
- AWS S3
- Bash
- Linux OS
- Python
- MATLAB