

# PATRICIA CORREIA

## FULL-STACK WEB DEVELOPER

### SUMMARY

Full Stack Web Developer with a multidisciplinary background and artistic eye. Skilled at working independently as well as with teams across multiple domains to break down concepts and facilitate communication. Bring experience obtained through a cross-functional organization to provide fresh perspectives and solutions. Fluent in English and Spanish.

### CORE COMPETENCIES

**Web Technologies & Frameworks:** HTML5, CSS3.0

**Scripts/UI:** JavaScript, JQuery, AJAX, Bootstrap

**Web Debug Tools:** Chrome developer tools

**Versioning and other tools:** Git, Jira, balsamiq, cmap tools, protege, Gimp2

### CONTACT DETAILS

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Nashville, TN  
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Portfolio:  
<https://heyimhibi.github.io/heyimhibi-portfolio/>

### ACADEMIC BACKGROUND

#### VANDERBILT UNIVERSITY

*Bootcamp Certificate, Full-stack web developent* | 2019

#### JOHNS HOPKINS UNIVERSITY

*Masters in Science, Biotechnology* | 2018

#### UNIVERSITY OF CENTRAL FLORIDA

*Bachelors in Science, Biotechnology* | 2012

*Bachelors in Science, Biomedical Science* | 2012

### PROJECTS

#### PINPOINT

*Project Lead* | 2019 | *JavaScript, JQuery, CSS, HTML*

<https://github.com/heyimhibi/PinPoint>

<https://heyimhibi.github.io/PinPoint/>

- Single-page web app for searching amenities local to a college/university.
- Utilizes Bootstrap, CSS, and API queries to create a live search and filter feature.
- Integrates Data.gov - College Scorecard, OpenWeatherMap, Foursquare, and Google Maps APIs

#### PROJECT 2

*2019* | *JavaScript, JQuery, CSS, HTML*

<https://github.com/heyimhibi/>

<https://heyimhibi.github.io/>

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#### PROJECT 3

*2019* | *JavaScript, JQuery, CSS, HTML*

<https://github.com/heyimhibi/>

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#### PROJECT 4

*2019* | *JavaScript, JQuery, CSS, HTML*

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## REFERENCES

### **Katie White, PhD, M.D.**

Instructor in Medicine, Division of Infectious Diseases

Vanderbilt University Medical Center

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### **Gabriel Aviles**

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Orbis Technologies, Inc.

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## CAREER SUMMARY

### LABORATORY ASSISTANT II

*Vanderbilt University Medical Center | 2018 - 2019*

- Developed a formalized business process for the maintenance and adherence of QA/QC laboratory guidelines and procedures, including BSL2 level laboratory.
- Processed multiple human samples: isolated from whole blood, skin tissue, and saliva for downstream analysis.
- Designed experiments to determine cell viability and optimal processing conditions for multiple timepoints.

### CONSULTANT/SCIENTIFIC LIAISON

*OSTHUS, Inc. | 2016 - 2018*

- Formalized a scientific standard vocabulary for laboratory equipment for the Allotrope consortium (<https://www.allotrope.org>).
- Led efforts in defining and maintaining the user experience, user interface design, and user acceptance tests. U.S. liaison to Subject Matter Experts across the top pharmaceuticals worldwide.
- Consulted pharmaceutical clients and computer engineers/software engineers in the development of computational solutions to meet business process needs.
- Designed a user-interface prototype which resulted in a \$1.5 M contract with one of our largest clients.

### LABORATORY ASSISTANT

*Florida Hospital Translational Research Institute | 2014 - 2015*

- Conducted clinical research to elucidate the epigenetic mechanisms affecting the differentiation of abdominal and gluteal adipose tissue.
- Achieved successful overexpression of miRNA in human adipocytes.
- Optimized cell culture differentiation techniques for human preadipocytes.
- Successfully purified numerous high-quality RNA samples from varying sources.

### BIOINFORMATICS ASSOCIATE

*Orbis Technologies, Inc | 2013-2014*

- Leveraged scientific domain experience to implement semantic technology, big data analytics, and ontologies into genomic and biological data systems.
- Trained software developers on subject matters pertaining to viral and bacterial genomic sequencing.
- Led internal research and development projects to develop new software, resulting in a suite of genome analysis tools.
- Demonstrated skills in business development by engaging potential clients and emerging partnerships.

## OTHER INTERESTS

- Learning about Mental models.
- Logo design and branding.
- Reading about variety of subjects including, business development, entrepreneurship, scientific discovery.