Joy Holowicki
Web Developer

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Applications Developed

Dynamic Sun
Making the Solar Installation Experience Move ⬈

2016 - Present   *Chicago, USA*

- A dashboard display of client's solar panel system specific data generated in real-time via the SolarEdge API and event-driven Firebase database.
- Served as Application Architect, Front-End Developer and worked with actual client data and a local solar installation company, Ailey Solar Electric.
- Used SolarEdge, Dark Sky APIs, Highcharts.js data-visualization, Material Design, AJAX/jQuery

Bucketlist
A personal bucketlist displaying user's achieved items and personal lists. ⬈

2017 - Present   *Chicago, USA*

- Served as Back-End Developer and AWS storage solution architect on a team of four.
- Pulled from group source to redeploy with Yifee API and SEO updates. Live application with users.
- Application makes use of mySQL/Sequelize database, Node.js/Express server, Dropzone.js fileuploading, and AWS S3 storage.

Work Experience

Project Coordinator, Ailey Solar Electric, Chicago (2015 - 2016)
- Company Website Developer and Administrator
- Developed integrated Sales and Project Management Pipeline with Google Suite Administration, Pipedrive, Zapier, Gscripting in a small team
- Coordinated over 100/$l million rooftop installations

Research Assistant, Midwest Center for Structural Genomics, Lisle, IL (2011 - 2015)
- Tested and implemented new LIMS database management and maintained meticulous laboratory records
- Maintenance of high throughput (AKTAxpress) machinery and Unix-based file organization with Pearl.
- Oversaw 5 active research projects and coordinated with 8 principal investigators

Organizations

Women in Solar Energy (W.I.S.E.) -Member (2015 - Present)

Breakaway Social Center -Board Member, Web Dev (2016 - Present)

Sierra Club Illinois -Member (2015 - Present)

Skills (Strong)

Javascript - ECMAscript5 & 6	MERN -Fullstack Web Development
Handlebars/Pug Templating	React JS
jQuery/AJAX/AXIOS	Node JS and Express Web Server
Amazon Web Services -S3	HTML5/CSS/SASS
CLI/Git Version Control	Bootstrap CSS Framework
Material Design/Materialize CSS Framework	MongoDB

Skills (Experienced)

Meteor JS | mySQL | Python/Django | React Native | Firebase | Go language/Ace Templating | Grunt | Mocha | Postman

Education

Certificate in Full Stack Web Development
Northwestern University -Coding Bootcamp

2016 - 2017

Bachelor of Science -Biochemistry
Benedictine University

2006 - 2010

- Bioinformatics I & II - Pearl/Python-based data science querying
- Computational Mathematics Research -Matlab

Acheivements

Full Tuition Academic Scholarship
Benedictine University

Mathematics Association of America Speaker Award (2008)
MAA

Interests

Bulls Basketball | Chinese language & culture | Bike-Commuting