**Garrett P. Grahl**

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GitHub: <https://github.com/ggrahl18>

**Education**

* **Associates Degree in Computer Science** - Bismarck State College, Bismarck, ND (2021)

**Computer Training & Programming Skills**

* Software Development using Java OOP, SQL, Access, Excel, web design with HTML and CSS, JavaScript, React and Cypress testing, MongoDB, Postman testing, HTTP, GitHub, Heroku, Windows and Linux. Experience with Ethereum smart contracts utilizing Solidity, Web3, Truffle, JavaScript testing, Infura hosting, VM VirtualBox, Chai, Mocha, Inventor, AutoCAD, and Photoshop.
* Full Stack Open Certification - University of Helsinki, Finland/Online (May 2020)
* Modern Web Application Development with JavaScript with a focus on single page applications using ReactJS, that use REST APIs, and built with Node.js. The course also included testing, configuration, environment management, and MongoDB for storing data. Both GitHub and Heroku were used for hosting and collaboration.
* Ethereum and Solidity: The Complete Developer’s Guide – Udemy (February 2020)
* Java Programming Masterclass for Software Developers – Udemy (June 2020)
* Ethereum Smart Contract Development – B9Labs (Summer 2020 – Current)

**Relevant Work Experience**

**Web and Systems Design/Sales/Install–** Lightspring, LLC Bismarck, ND (November 2020 – Current). Provide all aspects of a solar system installation, both residential and commercial, for the largest solar company in North Dakota. Create and maintain company website, and online presence. Collaborate with numerous energy companies on interconnect policies, site assessments, structural inspections, system designs, using Aurora, Helioscope, and IronRidge Racking software. Oversee the bidding process, create estimates, proposals, regular problem solving, and client presentations. Assist with solar construction, and all other aspects of project management, from start to finish in a team environment.

**Volunteerism, Accomplishments and Achievements**

* Presidents Honor Roll BSC (2021)
* Evangel Video Production, Bismarck, ND – Assist in production of services for mass media, operating cameras to film live and virtual church services (2019 - current)
* Community Café, Butte, MT – Assisted with cooking, preparation and serving meals for the homeless and underprivileged (2018-2019)
* Habitat for Humanity, Rolla, MO – Helped build and roof several Habitat homes in the Rolla, MO community (2009-2012)