

Gray Leonard

gray-l.me - github.com/grayleonard

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EDUCATION

Bachelor of Arts, Philosophy
American University, Washington, DC, expected 2016
Minor: Computer Science

EXPERIENCE

Lead Developer October 2013 - March 2014
Tip Of the Burgh, Pittsburgh, PA

- Maintain a WordPress installation and create the site layout.
- Transfer the site's hosting and repair corrupted databases.
- Configure the site's caching policies to serve requests more quickly.

Office Assistant Summer 2013
Stonecipher Law Firm, Pittsburgh, PA

- Research pertinent case law and investigate opposing litigants.
- Handle privileged clients' documents for both ongoing and settled cases.
- Upgrade and secure the firm's internal network.

Developer Fall 2013
Inputs.io

- Develop tool to allow users to transfer Bitcoins to the site.
- Design various utilities to help users manage their Bitcoins.
- Work with other developers to update sections of server-side code.

Lead Developer & Owner Spring - Winter 2010
The Republic

- Reverse engineer existing Java codebases in order to modify them.
- Manage staff and more than a thousand active players.
- Allocate funding gained from player donations.

COMMUNITY SERVICE

Web Developer Summer 2013
Pittsburgh Community Reinvestment Group (PCRG), Pittsburgh, PA

- Redesign and restructure a WordPress theme.
- Streamline process of sending monthly newsletters to PCRG subscribers.
- Provide assistance and guidance to PCRG employees on operating website.

TECHNICAL SKILLS

Languages: Node.js, Javascript, HTML(5), Java
Databases: MongoDB, MySQL
Software: LAMP, Nginx, Maven, Git

RELATED PROJECTS

Schoenberg, 2015: An intelligent music generation program created using Markov models. Developed as a group project for the course Artificial Intelligence.

Interpellate, 2014: An experimental and novel approach to Javascript obfuscation through interpolation. Intended for cybersecurity applications and research. Created using Node.js and Esprima.

Bitcoin Mixer, 2013: A proof-of-concept Bitcoin anonymization program developed as a semester project for the course Object Oriented Design using Java, Spark, and Bitcoinj.