Robert O'Connor ⌂ New Windsor, NY │ ✉ robby.oconnor@gmail.com │ ✆ (917) 426- 7020

/robbyoconnor │ /in/robbyoconnor

SKILLS

Languages	Technologies	Databases	Development	Platforms	Tools	Methodologies
Bash**,** Ruby, Javascript, Python, Java	HTML5, CSS3, SCSS/Sass/LESS, JQuery, Node.js, Rails	MySQL, SQLite, PostgresSQL/Post-GIS, MongoDB	IntelliJ,Vim, Emacs + Evil	Web, Windows, Linux, Android	GitHub, GitLab, Vagrant, Docker	Agile, SCRUM, Continuous Integration

EDUCATION

Hunter College, City University of New York (CUNY), Received January 2015, Bachelor of Arts (BA) in Computer Science

State University of New York (SUNY) Orange, Received Dec 2010, Associates of Science (AS) in Computer Science

EXPERIENCE

NYC Makes PPE   *Full Stack Engineer*   **March 2020-Present**

- Maintain the website and public delivery data for NYC Makes PPE, a group of makers and healthcare professionals in NYC leveraging DIY manufacturing technology to support PPE production in NYC and worldwide. More information at https://nycmakesppe.org.

LibreHealth   *Infrastructure Engineer*   **September 2016-Present**

- Set up configuration management using Ansible(https://gitlab.com/librehealth/community-infra/tree/master/ansible) for all infrastructure services, as well as monitoring and provide infrastructure support where necessary for a collaborative community for free & open source software projects in Health IT. Member project of Software Freedom Conservancy, and an all-volunteer public charity. Learn more: https://librehealth.io/

OpenMRS   *Manager, Identity Systems*   **January 2015-Sept. 2016**

- Maintained and providing user support for the OpenMRS Identity Systems (ID Dashboard, https://github.com/openmrs/openmrs-contrib-id which uses MongoDB and OpenLDAP to connect all OpenMRS infrastructure such as Discourse, Atlassian Confluence/JIRA)
- Utilized Docker to automate the process of setting up development environments, simultaneously also making deployments easier. It is currently running in Docker in production.
- Acted as a member of the Infrastructure team and provide infrastructure support to the community and did rotating on-call shifts.

CUNY Codes (ParkEZ)   **March-April 2016**

- Collaborated using the SCRUM Agile methodology using Pivotal Tracker with a 3-person team to create a crowd-sourced Android application to find free parking anywhere off of the street (https://github.com/ParkEZ/ParkEZ-Android) with a Rails 5 backend using PostgresSQL with geospatial queries enabled by PostGIS

Google Summer of Code   *Software Engineer*   **Summers 2008-10**

- Created a form entry system which utilized the Groovy programming language to ease the task of creating new forms for OpenMRS, under the mentorship of Burke Mamlin, M.D.
- Made a tool to collect non-patient centric data for statistical reporting purposes called the Facility Data Module for OpenMRS, an enterprise medical records system for the developing world under the mentorship of Michael Seaton
- Developed a survey tool for the Sahana Eden platform (a disaster relief management platform) for the Sahana Software Foundation as part of the Google Summer of Code program under the mentorship of Michael Howden

Independent Living, Inc.   *Data Entry Specialist*   **January 2001-May 2008**

- Assisted the IT director in setting up new systems, processed intake forms, performed other data entry tasks as needed

OTHER EXPERIENCE

2011 to 2018   Mentored Google Code-in, a global, online contest introducing 13-17 year old students to open source software development

2011-13; 2015-present   Mentored Google Summer of Code

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2013-14   Founding President, Association for Computing Machinery Student Chapter (ACM) https://hunteracm.org/