

# COLIN GROARK

## WEB DEVELOPER

Full-stack web developer with experience building user-focused responsive websites and developing efficient systems and tools in the private and non-profit sectors. In addition to my firm grasp of Git collaboration, RESTful APIs, and technologies from React and JavaScript to PostgreSQL and Node.js, I have significant experience managing programs, teams, budgets and business development processes for public-facing organizations.

## SKILLS

**Front End Web Development:** React,

JavaScript, JQuery, ES6, CSS3, HTML5,

Chart.js, Bootstrap, Materialize

**Back End Web Development:** Node.js,

PostgreSQL, Sequelize, Python, MongoDB

**Technology:** RESTful API,

Heroku Cloud Platform, Git Workflow, GitHub

**Languages:** Advanced Spanish,

Beginning Swahili and Japanese

## CONTACT

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📍 Seattle, Washington

in colin-groark/

🐙 cgroark

## EDUCATION

General Assembly

Web Development Immersive Training 2018

University of Washington, Evans School

of Public Policy and Governance

MPA: Environmental Policy and Natural

Resource Management

Certificate: Environmental Management

Trinity College

BA: International Studies, Hispanic Studies

## RECENT WORK

Node.js/Express: Carbon Commuter

Track, log and chart carbon emissions of trips travelled based on distance and mode of transport

- Technologies: Node.js, Express, PostgreSQL, Google Maps API, Chart.js, JavaScript, CSS, HTML
- Data visualizations for distance ratios and carbon emissions using Chart.js JavaScript library
- Deployed on Heroku cloud platform: <https://carbon-commute.herokuapp.com/>

React/MongoDB: HouseHub

Create a house profile with roommates. Assign and track chores, house bills, and pantry items, and post memos

- Technologies: React, MongoDB, JavaScript, JQuery, CSS, HTML
- Deployed on Heroku cloud platform: <https://tpcc.herokuapp.com/>

Node.js/Express: Get Out There

Search for National Parks by state, save your favorite parks, see location and real-time weather forecast

- Technologies: Node.js, Express, PostgreSQL, RESTful APIs, JavaScript, JQuery, CSS, HTML
- RESTful APIs: National Park Service, Google Maps, Weather Underground
- Deployed on Heroku cloud platform: <https://get-out-there-parksweather.herokuapp.com/>

Front end game: Sort It

Race a timer and score points when sorting trash, compostables and recyclables correctly

- Technologies: JavaScript, JQuery, HTML, CSS
- Deployed on GitHub pages: <https://cgroark.github.io/game-waste/>

## EXPERIENCE

General Assembly

Full-Stack Web Development Student

Seattle, Washington

Nov 2017 to Feb 2018

- 12-week immersive full-stack web development training with 480 hours of instruction
- Built responsive user-focused projects drawing on technologies that include React, Express, MongoDB, Node.js, PostgreSQL, JQuery, JavaScript, HTML, CSS and front-end libraries and frameworks such as Materialize, Bootstrap, CSS Grid and Chart.js.
- Established firm grasp of RESTful API architecture, Heroku cloud platform, Git and GitHub, database structure and modeling, and emerging web development trends
- Worked with cross-functional teams of developers and UX designers to bring week-long and quick turnaround projects to fruition

Tilth Alliance (Seattle Tilth)

Director, Community Education and Environmental Programs

Seattle, Washington

Aug 2015 to Nov 2017

- Oversaw Tilth Alliance outreach and education programs on resource conservation and stewardship
- Managed 11 person team and \$890K grant and contract portfolio funding seven core programs
- Developed processes to track program deliverables, grant applications and reporting
- Built budget tracking systems in Excel to monitor program expenditures; and SharePoint metrics tracker to monitor program impact
- Led proposal strategy and client interview to secure 5-year \$2.2 million resource conservation contract with Seattle Public Utilities

EnviroIssues

Business Development Associate

Seattle, Washington

Apr 2013 to Aug 2015

- Managed business development and marketing team for community outreach consulting firm
- Led proposal teams and supported strategy and content to compete for public projects
- Created metrics dashboard and data analysis tools to better assess proposal trends and outcomes

Basel Action Network

Research Intern

Seattle, Washington

Apr 2012 to Mar 2013

- Conducted research and drafted reports on the illegal trafficking of electronic waste
- Developed data calculator for app to measure environmental benefits of recycling electronics

Management Systems International

Business Development Associate and Consultant

Washington, DC

Sep 2009 to Sep 2011, Aug 2007 to Aug 2009

- Coordinated proposal teams to compete for foreign aid projects up to \$21 million across seven sectors
- Managed teams to capture technical proposal components within strict deadlines
- Provided budgetary, recruitment and report-writing support for complex international aid contracts