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| Vania Budiman  Full-Stack Software Developer | Email: budimanvania@gmail.com  GitHub: github.com/vaniabudiman  LinkedIn: linkedin.com/in/vaniabudiman  Portfolio: vaniabudiman.com |

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# Technical Skills

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| Proficient | JavaScript, Ruby, Python, Java, HTML, CSS, SQL, XML |
| Prior Experience | C++, C, PHP, R, x86 Assembly |
| Tools & Environments | Git, Unix/Linux, Selenium, WebStorm, Eclipse, Android Studio, Xcode, Vim, Emacs |

# Work Experience

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| Software Developer (Intern) · SAP | May – Dec 2016 |

* Worked on SAP Jam, an enterprise social collaboration web app with 34+ million subscribers
* Full-stack web development with Ruby on Rails, JavaScript (Backbone.js, jQuery), MySQL, Sass
* Implemented workflow for uploading photos, videos, documents from postboxes to newsfeed
* Integrated personal data distributed across multiple tables from external sources to create user profile
* Developed group admin feature of bulk managing 100,000+ group members simultaneously
* Demoed new features to 70+ member audience; wrote unit (QUnit, PhantomJS) & automated tests (Watir)

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| Software Developer (Intern) · EnerNOC | Sep 2014 – Apr 2015 |

* Developed energy management dashboards in JavaScript (Node.js, Knockout.js, Promise, Angular, Express)
* Visualized energy data (D3.js, Highcharts); integrated utility-specific tracking (Google Analytics)
* Implemented energy dashboard theming for different utilities; created landing page for dashboard
* Wrote JavaScript unit & integration tests (Expect.js, Sinon, Mocha); automated tests in Python (Pytest)
* Delivered energy analytics dashboards to 6 different energy utilities (BC Hydro, Ergon Energy, etc.)
* Interviewed 17 applicants for software developer internships in web app & platform teams

# Education

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| Bachelor of Science, Computer Science · University of British Columbia | 2012 – 2017 |
| Minor in Psychology · Specialized in Software Engineering & Human-Computer Interaction |  |

# Projects

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| Trip Planner Android App · JavaScript (React Native, Redux), Python (Flask), SQLite | Feb – Apr 2017 |

* Worked on search for popular tourist attractions (Google Places API); allow attractions to be bookmarked
* Developed the filtering of events: using search bar, selecting a date on a calendar, selecting marker on map
* Designed and implemented REST API calls for adding, deleting, editing bookmarks and events
* Implemented offline mode using local persistent storage (Realm DB) which allows users to view trips, bookmarks, events, and transportation details without needing Internet connection
* Demo: www.youtube.com/watch?v=3NAfAnQwuWY

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| HSBC Desk Reservation Web App · JavaScript (React, Redux, Node.js), MySQL | Jan – Apr 2017 |

* Led weekly meetings with HSBC stakeholders who requested the reservation app; appointed as project & development manager; managed team of 6 other developers; worked as lead UI designer
* Implemented adding, editing, and deleting building locations; users can add desks into these locations
* Wrote Mocha tests for operations on locations; created interface that is mobile-friendly and responsive
* Added zoomable map into the app; system displays a map that corresponds to the floor the user selects

# Extracurriculars

* Teaching Assistant (2014-2016) - led programming workshops for TechTrek, The Next Big Thing, GIRLsmarts
* UBC e-Portfolio Competition Winner (2015) - received most votes from CS department students
* UI/UX Designer for MyPlanet Fellowship (2014) - designed UI for the "Humans of Gastown" project; ran prototype studies and collected user data from in-person interviews and surveys