

Nico May

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<http://nicom1.github.io>

Skills:

Programming:

- Experience in **Java**, **Haxe**, **C++**, **Javascript**, HTML, CSS, AngularJS, Functional Programming and C#.
- Extremely adaptable to new languages and design patterns.
- Projects have included games built for desktop, mobile, and web, as well as full-stack website development and command-line tools.

Problem Solving:

- Passion for finding emergent solutions to complex problems, and working around complications as they arise.

Teamwork:

- Excellent communication skills, love working with other people, willing to take charge when necessary, and capable of self-directed work.
- Experience working remotely with regular video-meetings.

Writing:

- Able to write clear and well-structured information, arguments, documentation and articles.
- Experience writing technical documentation for open-source projects.

Personal Projects:

Slickrock.space, 2015

Full Stack Development; Embeddable chat rooms used on forums for a plug-and-play solution to real-time chat. Command-line style interface for claiming chat rooms, making private chats, theming, and more. **53,500 unique sessions**, and **3500 unique users**.
Written in Haxe – targeting Javascript and NodeJS with express and mongodb.

Heavier-Than-Air, 2014

Prototype multi-platform game targeting web, mobile, and desktop. Worked remotely with an artist. Built collision systems, kinematics simulation, dynamic vegetation and an in-game polygon-based level editor. Development log had **11,000 views**.
<https://forums.tigsource.com/index.php?topic=47030.0>

Assorted Tools and Frameworks, n.d.

<https://github.com/NicoM1>

Work Experience:

Hornby Island Outdoor Sports, Bike Mechanic, Summer 2016, Summer 2017, Summer 2018
Bike repairs, guidance, website maintenance. Direct and clear communication with customers.

BCTEA, Web Development (contract work), 2016
Built an AngularJS-based browser and editor for B.C. Technical Education Association members, with Google Sheets backend

Hornby Island Co-op, Junior Clerk, Summer 2014, Summer 2015
Cashier, Shelf Stocking, End-of-Day Till Counting

Contributions to Open Source Programming Tools (Volunteer), 2013 - Present
Minor code and documentation fixes for widely-used tools, open-source extensions to tools

Education:

Bachelor of Science – Computer Science, *University of British Columbia*, Vancouver, B.C: 2017 - 2021
90.1% average in first year – including achieving 100% in first year Computer Science.
G.P Vanier Secondary School, Courtenay, B.C: 2012 - 2017
98% average in grade 11/12 academics, A's in all classes from grades 9-12.

Clubs:

UBC Launchpad Software Development Team: Web Team, 2017 - 2018
Helped to prototype and implement online, experimental, networked social apps.

Awards:

University of British Columbia
Centennial Scholars Entrance Award, 2017 (recurring until 2021)
Science Scholar/Dean's Honour List, 2018
G.P. Vanier Secondary School, 2016-2017
Physics 12, Calculus 12, English 11, Spanish 11 & Physics 11 Achievement Awards