

UNIVERSITY OF WATERLOO CO-OPERATIVE EDUCATION RECORD

NICHOLAS KARL HRYNUIK
20465552
3B COMPUTER SCIENCE

WORK TERM		EVALUATION
WINTER 2015	BIGROAD INC KITCHENER SOFTWARE DEVELOPER	OUTSTANDING
SPRING 2014	BIGROAD INC KITCHENER SOFTWARE DEVELOPER	EXCELLENT
FALL 2013	BANK OF MONTREAL PRIVATE CLIENT GROUP TORONTO EBUSINESS SPECIALIST	OUTSTANDING

Nicholas Karl Hrynuik

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Technologies

- Client Side: JavaScript, jQuery, AJAX, HTML5, CSS3, Less
 - Server Side: Python, Flask, Node.js, Express, Java, JSP, PHP
 - Other: Nginx, PostgreSQL, MySQL, Git, SVN, Linux, Bash
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Recent Projects

- Bnb Watcher – bnbwatcher.com – github.com/karlwithak/bnbwatcher
 - Watch for new rooms on Airbnb and get notified when rooms you are interested in get posted
 - Sends you an email with links to all of the new rooms on Airbnb, so you can see them first
 - Created with: Node.js, Express, Less, Nginx, PostgreSQL, JavaScript, jQuery, CSS3, HTML5
 - Now Radio – nowrad.io – github.com/karlwithak/nowradio
 - A web-based internet radio player that lets you listen to over 8,500 stations world wide
 - Provides a simple and highly functional interface for navigation between stations and genres
 - Created with: Python, Flask, Gunicorn, Nginx, PostgreSQL, JavaScript, jQuery, CSS3, HTML5
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Work Experience

- Software Developer at BigRoad Inc. (Marketing Dept.) | Kitchener, ON. January - April 2015
 - Designed, implemented and tested new features for the web and mobile applications
 - Worked with marketing team to make improvements aimed at converting users from free trial
 - Added 'Demo Data' feature, which gives new web app users a set of sample drivers and trucks so they can explore the app before real drivers join their fleet
 - Software Developer at BigRoad Inc. (Engineering Dept.) | Kitchener, ON. May - August 2014
 - Designed, implemented and tested new features for the front and back end of web application
 - Overhauled map marker creation, design and clustering logic for dispatcher dashboard
 - Added feature allowing new drivers to easily join existing fleets, saving support efforts
 - Developed Ansible scripts for automating server deployment, setup and configuration
 - eBusiness Specialist at Bank of Montreal InvestorLine | Toronto, ON. September - December 2013
 - Created and made improvements to web pages according to product specifications
 - Pro-actively developed tools that increased personal and co-worker's productivity
 - Designed pages with support for Internet Explorer 8 as well as English and French content
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Education

- Candidate for Computer Science, University of Waterloo. September 2012 - April 2017 (expected)

UNIVERSITY OF WATERLOO

UNOFFICIAL GRADE REPORT

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Fall 2015 PD 7 Conflict Resolution

Term Average: n/a

Decision:

Spring 2015 CS 349 User Interfaces
 Spring 2015 CS 360 Intro to Theory of Computing
 Spring 2015 CS 458 Computer Security and Privacy
 Spring 2015 ECON 102 Intro to Macroeconomics
 Spring 2015 PHIL 327 Philosophy of Law

Term Average: n/a

Decision:

Winter 2015 COOP 3 Co-operative Work Term
 Winter 2015 PD 5 Project Management CR
 Winter 2015 WKRPT 300M Work-term Report NG

Term Average: n/a

Decision:

Fall 2014 CS 341 Algorithms 76
 Fall 2014 CS 348 Intro to Database Management 85
 Fall 2014 CS 350 Operating Systems 89
 Fall 2014 PHIL 324 Social & Political Philosophy 82
 Fall 2014 STAT 231 Statistics 80

Term Average: 82.4

Decision: Good standing

Spring 2014 COOP 2 Co-operative Work Term
 Spring 2014 PD 6 Problem Solving CR

Term Average: n/a

Decision:

Winter 2014	CS	240	Data Structures & Data Mgmt	81
Winter 2014	CS	241	Foundations of Sequential Prog	92
Winter 2014	CS	251	Computer Organization & Design	82
Winter 2014	MATH	239	Intro to Combinatorics	72
Winter 2014	PHIL	255	Philosophy of Mind	79

Term Average: 81.2

Decision: Good standing

Fall 2013	COOP	1	Co-operative Work Term	
Fall 2013	PD	2	Critical Reflec'n & Rprt Wrtnng	CR

Term Average: n/a

Decision:

Spring 2013	CS	245	Logic and Computation	83
Spring 2013	CS	246	Object-Oriented Software Devel	83
Spring 2013	PD	1	Co-op Fundamentals	CR
Spring 2013	PHIL	220	Moral Issues	88
Spring 2013	PHIL	256	Intro to Cognitive Science	73
Spring 2013	STAT	230	Probability	64

Term Average: 78.2

Decision: Good standing

Winter 2013	CS	136	Elem Alg Design & Data Abstrac	84
Winter 2013	MATH	136	Linear Algebra 1 (Hon Math)	77
Winter 2013	MATH	138	Calculus 2 For Honours Math	60
Winter 2013	PHIL	145	Critical Thinking	83
Winter 2013	PSCI	110	Politics in Contemporary World	97

Term Average: 80.2

Decision: Good standing

Fall 2012	CS	135	Designing Functional Programs	80
Fall 2012	MATH	135	Algebra for Hons Mathematics	71
Fall 2012	MATH	137	Calculus 1 for Honours Math	60
Fall 2012	PHIL	110A	Philosophy: Knowledge & Reality	85
Fall 2012	PHIL	110B	Philosophy: Ethics and Values	89
Fall 2012	SEQ	4	Co-op Sequence D	

Term Average: 77

Decision: Good standing