



RESUME
JOSH HAINES
Industrial Designer

**CONTACT
INFORMATION**

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REFERENCES

Daniel Davies
Project Manager
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Bjarki Hallgrímsson
Director of SID
Carleton U., Ottawa
613.520.2600 x5677
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**EXPERIENCE
PROFESSIONAL**

TC HELICON
4396 W Saanich Rd. #260
Victoria, BC V8Z 3E9
Junior Industrial Designer: Co-op

9'16 - 4'17

- To create and ready 2 products for production. Completed 5.
- Demonstrated knowledge of UX and UI in order to enhance button layout of multiple products.
- Applied use case scenarios and testing to improve product function.
- Designed the mechanical housing, layout and overall design of "GoXLR"; a revolutionary online broadcasting platform that is currently launched globally.

IPPINKA
20 Camden Street,
Toronto, ON M5V 1V1
Industrial Designer: Co-op

5'16 - 9'16

- Lead product development of the first product designed by IPPINKA that reached the funding target on Kickstarter.
- Involved in all aspects and roles related to the development and curating of products.
- Built and created content for retail website.

FLUIDCONCEPTS
96 Planchet Rd,
Concord, ON L4K 2C7
Industrial Designer: Co-op

5'15 - 9'15

- To complete office units assemblies and engineering drawings for production using Solidworks and AutoCAD.
- Created installation guides for installers and was asked to train new engineers on assembly requirements.
- Designed and fabricated a locking mechanism for assembly flexibility on the "BOB Mobile Office Unit" that was featured at the Neocon 2015 Tradeshow.

FGL SPORTS Ltd - SPORTCHEK
100 City Centre Drive,
Mississauga, ON L5B 2C9
HardGoods Sales and Technician

9'09 - 9'14

- Service shop technician specialized in snowsports and bike maintenance.
- Assessing customer needs with one on one service.
- Attended numerous tradeshow to gain product knowledge.

EXPERIENCE
ACADEMIC CARLETON UNIVERSITY, SCHOOL OF INDUSTRIAL DESIGN 12'15 - 4'16
 Teaching Assistant - 2nd Year Computer Applications

- Assisted in marking, planning and overseeing projects.
- Provided guidance and instructional tutorials in numerous software applications.
- Allocated time outside of class to provide personal assistance in focused software.

EDUCATION CARLETON UNIVERSITY 9'13 - 4'18
 Ottawa, ON, Canada.
 Bachelor of Industrial Design, w/ Distinction, Co-op

ACADEMIC AWARDS

TECHNOLOGY ACADEMIC ACHIEVEMENT AWARD '13
 Demonstrating excellence in Technology specific courses.

ROBERTSON SCHOLARSHIP '14
 Entrance scholarship for graduating with 80%+ average.

A. DAVIDSON DUNTON SCHOLARSHIP '16
 Awarded to students with outstanding academic performance.

PURVINS MEMORIAL AWARD '16
 Creative applications of materials and technologies in industrial design projects.

ALLAN BUCHANAN SCHOLARSHIP '16
 Awarded annually, on the recommendation of the Dean of Engineering & Design.

CARLETON UNIVERSITY ALUMNI SCHOLARSHIP '17
 Awarded to students who exceed 10.00 CGPA.

MARC C. GAUTHIER AWARD '18
 Innovative use of technology in fourth-year final project.

DEAN'S LIST '15 - '18
 Maintaining an academic average higher than 9.75 CGPA.

SOFTWARE SKILLS

PTC PARAMETRIC 
 Proficient in Creo Parametric, and multi-body assembly modeling.

DESSAULT SYSTEMS 
 Advanced SolidWorks surfacing and complex assemblies.
 High detailed Photo360 rendering.

ADOBE SUITE 
 Highly skilled in Illustrator, Photoshop, and InDesign.

KEYSHOT 
 Photo realistic renderings and animations.

MICROSOFT OFFICE 360 SUITE 
 Proficient in all suite products.

AUTODESK PLATFORM 
 Experienced in AutoCAD, Maya, Fusion360, Alias and Sketchbook Pro.

PROFESSIONAL SKILLS

SKETCHING
 Visually represent ideas for communication

PROTOTYPING
 Low and high fidelity three-dimensional models

PRODUCT RESEARCH
 Evaluating market trends and identifying needs

METAL FABRICATION
 Cutting, bending and assembling structures

3D PRINTING
 FDM, SLA and SLS printing to create mock-ups

INJECTION MOULDING
 Complex multi-part thermoplastic assemblies

MOULD DESIGN
 Optimizing production time and material yield

COMPUTER-AIDED MANUFACTURING
 Highly precise production level prototyping

PRODUCT USE TESTING
 Empathy testing with projected end users

GRAPHIC DESIGN
 Applying visual elements to products