

Scott Janousek

Contact

617.840.4427

scottjanousek.resume@gmail.com

<http://linkedin.com/in/scottjanousek>

[@scottjanousek](http://vizify.com/scott-janousek)

@scottjanousek

Links

<http://scottjanousek.com>

<http://scottjanousek.com/projects>

<http://flickr.com/scottjanousek>

<http://scottjanousek.com/cc>

Objective

I seek to join a passionate team that is building extraordinarily innovative products, services, and experiences in the digital fabrication space.

Work History

2014-2015 Programmer and Designer - **Small Design Firm**, Cambridge, MA

2013-2014 Digital Fabrication Specialist - **C90** at Artisan's Asylum, Somerville, MA

2011-2012 Innovation Architect - NOWLAB, **Isobar**, Watertown, MA

2004-2011 Owner, **Hooken Mobile**, Needham, MA

2003-2004 Senior Flash "Guru", **BlueEdge Data Solutions**, Natick MA

2001-2002 Senior Interactive Programmer, **Cramer Online**, Norwood, MA

2000-2001 Senior Web Engineer, **PeopleStream**, Cambridge, MA

1996-2000 Senior Software Engineer, **iXL/Spinners**, Cambridge, MA

1995-1996 Research Assistant, **CIIR, Computer Science Department**, Amherst, MA

Community Affiliations

Artisan's Asylum, AS220, Boston Creative Coders, COLLISIONCollective, Boston 3-D Printing User Group, eyeofestival, Art && Code, FITC, Creative Application, Instructables, Hack-a-Day, MAKE, GrabCAD, SparkFun, Adafruit, 3ders, 3DHubs, 3dprintboard, ACM (Association for Computing Machinery), Boston Reality Computing

Skill Areas

Software, Electronics, 3-D Printing/Scanning, Woodworking, Metalworking, Machining

Relevant Programming Tools

Languages: C++, Python, G-code **Web:** HTML5, JavaScript, PHP, Ruby on Rails

Frameworks: Processing, oF, Cinder, Polycode, pocode, Three.js, d3.js

Fabrication Tools

CNC, 3-D Printers, 3-D (laser) Scanners, Laser Cutters, Wood & Metal Shop tools

2-D Fabrication Skills

Physical Fabrication Software: CamBam, HSMWorks, Torchmate CNC, LinuxCNC

2-D Graphical Software: Adobe Creative Suite (Photoshop, Illustrator, Flash), InkScape, Gimp, NodeBox, ContextFree, Fractal Fr0st

3-D Fabrication Skills

Modeling Software: SolidWorks, Autodesk Design Suite, 123D Design, Rhino, Sketchup, MeshLab, Netfabb, Revit, Blender, Sculptris, UNITY3D, AutoCAD, TinkerCAD, Meshmixer, Fugu, StructuredSynth, Fragmentarium

3-D Printer Hardware: Form1, ToM/Replicator 2(X), b9Creator, uPrint, Reprap

3-D Printer Software: PreForm, Makerware, b9Creator, Replicator-G

DSSP (i.e. "3-D Scanning") Experience

Hardware: Kinect (IR), NextEngine (laser)

Software: OpenCV, openNI, PCL, Kinect libraries, Nextengine ScanStudio, RapidWorks, CloudCompare, Skanect, FaceShift

Electronics Knowledge

Skills: Soldering (SMT & through hole), kits, basic Circuit & PCB design

Software: TinyCAD, KiCAD, FreePCB, EagleCAD

Platforms: Arduino, Raspberry Pi, Beagle, Rascal, & many others

Education

Computer Science degree, University of Massachusetts, Amherst, MA (1996)

References

Available on request