

```
#####
#
#   NAME: Jason Paul Richmond           PHONE: 574.855.6954
#   DATE: 2018.04.16                     EMAIL: jprichmo@indiana.edu
#   FILE: code_resume.txt                 (see reverse for code)
#
```

Creative and detail-oriented Master of Science student searching for full- or part-time summer employment, open to continuing part-time through the school year. Brings programming chops from teaching students how code and computation work. Has experience dealing with clients and engineering solutions for a family-owned small business.

```
#####
#
#   EDUCATION
#
```

**Indiana University South Bend** **2019**  
Master of Science: *Computer Science* Program GPA: 3.7

**Indiana University Bloomington** **2008**  
Bachelor of Arts: *Linguistics, Anthropology, Economics* GPA: 3.1

```
#####
#
#   RELEVANT WORK EXPERIENCE
#
```

**Walk-in/Embedded Tutor** **2016 ~ Present**  
*IUSB ~ Academic Center for Excellence ~ Computer Science Department*

Spend time helping majors and non-majors comprehend class material and figure out why their code has become obstinately self-aware. Requires interpersonal communication, intuitive recognition of when students are not grokking the concepts, and shifts in imagination to recast difficult computing problems in ways they can understand.

**Technician and Graphic Designer** **2008 ~ 2017**  
*Attractive Sign & Lighting, Inc*

Designed, manufactured, installed, and serviced signs all across Chicagoland. Used an algorithmic approach to troubleshooting during service calls including interviews with customers to ensure the proper fix. Compiled estimated material and labor costs for sales quotes. Operated heavy machinery and dangerous equipment such as booms, cranes, augers, trenchers, and torches. Crafted company logo and coded company website which entailed writing all of the copy.

```
#####
#
#   SKILLS
#
```

Languages: *C++, C#, Java, Python, HTML, CSS, Javascript*

Tools/Environments: *OpenGL, Unity, Processing, Keras, Git*

Graphic Design: *Inkscape, CorelDRAW, Adobe Suite*

```

#####
#       NAME: Jason Paul Richmond      PHONE: 574.855.6954
#       DATE: 2018.04.16               EMAIL: jprichmo@indiana.edu
#       FILE: code_resume.py           (see reverse for text)
abt = { 'name': 'Jason Paul Richmond', 'phone': '574.855.6954',
        'email': 'jprichmo@indiana.edu', 'date': '2018.04.16',
        'file': 'code_resume.txt', 'see': '(see reverse for code)' }
def rep(c,r): # repeat characters
    s = ""
    for i in range(r): s += c
    return s
print rep("# ",40), "\n#"
print "#", rep(" ",5), "NAME:", abt['name'], rep(" ",5), "PHONE:", abt['phone']
print "#", rep(" ",5), "DATE:", abt['date'], rep(" ",14), "EMAIL:", abt['email']
print "#", rep(" ",5), "FILE:", abt['file'], rep(" ",9), abt['see'], "\n#"
print rep(" ",3), "Creative and detail-oriented Master of Science student,\
    searching for full-\n", rep(" ",3), "or part-time summer employment,\n\
    open to continuing part-time through the\n", rep(" ",3), "school year.\n\
    Brings programming chops from teaching students how code and\n,\n\
    rep(" ",3), "computation work. Has experience dealing with clients and,\n\
    engineering\n", rep(" ",3), "solutions for a family-owned small business."

##### EDUCATION
edu = { 'ms': 'Master of Science', 'ms_sch': 'Indiana University South Bend',
        'ms_maj': 'Computer Science', 'ms_grad': '2019',
        'ba': 'Bachelor of Arts', 'ba_sch': 'Indiana University Bloomington',
        'ba_maj': 'Linguistics, Anthropology, Economics', 'ba_grad': '2008' }
# calculate major GPA
gpa = lambda a, am, bm: (a*4.0 + am*3.7 + bm*2.7)/(a + am + bm)
print "\n\n", rep("# ",40) + "\n#\n# " + rep(" ",6), "EDUCATION" + "\n#"
print rep(" ",4) + edu['ms_sch'] + rep(" ",42) + edu['ms_grad']
print rep(" ",8) + edu['ms'] + ": " + edu['ms_maj'] + rep(" ",20)\
    + "Program GPA:", round(gpa(4,1,1),1) # GPA: 3.7
print "\n", rep(" ",4) + edu['ba_sch'] + rep(" ",41) + edu['ba_grad']
print rep(" ",7), edu['ba'] + ":", edu['ba_maj'], rep(" ",7), "GPA: 3.1\n\n"

##### RELEVANT WORK EXPERIENCE
wrk = { 'tutor': 'Walk-in/Embedded Tutor', 'cs': 'Computer Science Department',
        'ace': 'Academic Center for Excellence', 'td': '2016 ~ Present',
        'dsign': 'Technician and Graphic Designer', 'dd': '2008 ~ 2017',
        'attr': 'Attractive Sign & Lighting, Inc' }
# tutoring string
def tutor(): return wrk['tutor'] + rep(" ",39) + wrk['td'] + "\n\
    + rep(" ",8) + "IUSB ~ " + wrk['ace'] + " ~ " + wrk['cs']
# sign technician etc string
def dsign(): return wrk['dsign'] + rep(" ",33) + wrk['dd'] + "\n\
    + rep(" ",8) + wrk['attr']
print rep("# ",40) + "\n#\n# " + rep(" ",6), "RELEVANT WORK EXPERIENCE" + "\n#"
print rep(" ",4) + tutor() + "\n"
print rep(" ",7), "Spend time helping majors and non-majors comprehend class,\
    material and\n", rep(" ",7), "figure out why their code has become",\
    "obstinately self-aware.Requires\n", rep(" ",7), "interpersonal",\
    "communication, intuitive recognition of when students\n", rep(" ",7),\
    "are not grokking the concepts, and shifts in imagination to recast\n",\
    rep(" ",7), "difficult computing problems in ways they can understand.\n"
print rep(" ",4) + dsign() + "\n"
print rep(" ",7), "Designed, manufactured, installed, and serviced signs all",\
    "across\n", rep(" ",7), "Chicagoland. Used an algorithmic approach to",\
    "troubleshooting during\n", rep(" ",7), "service calls including",\
    "interviews with customers to ensure the proper\n", rep(" ",7), "fix.",\
    "Compiled estimated material and labor costs for sales quotes.\n",\
    rep(" ",7), "Operated heavy machinery and dangerous equipment such as",\
    "booms, cranes,\n", rep(" ",7), "augers, trenchers, and torches. Crafted",\
    "company logo and coded company\n", rep(" ",7), "website which",\
    "entailed writing all of the copy.\n\

##### SKILLS
print rep("# ",40) + "\n#\n# " + rep(" ",6), "SKILLS" + "\n#"
print rep(" ",7), "Languages: C++, C#, Java, Python, HTML, CSS, Javascript\n"
print rep(" ",7), "Tools/Environments: OpenGL, Unity, Processing, Keras, Git\n"
print rep(" ",7), "Graphic Design: Inkscape, CorelDRAW, Adobe Suite"

```