

1978- **Michael Joshua Ryan** luser.droog@gmail.com
3447 Connecticut St. 104 202-494-2570
St. Louis, MO 63118

Objective

I want to work where my skills and talents may be well utilized.
I attempt to combine Renaissance aesthetics, cosmopolitan ethics, and scientific technique in the critique and construction of physical and conceptual artifacts.

Education

- 1995-1996 In lieu of my senior year of high school,
I received a GED, and took Russian 101 at UM - St. Louis,
followed by a 6-month student exchange to Russia.
- 1996-2001 Accumulated 165 credit hours at UM - St. Louis, in an undirected, ill-advised,
survey of all the "interesting" classes in English, French,
Russian, Fine Arts, Computer Science, Honors Symposia, and Communications.

Employment

- 1998-2001 Student Programmer UM-St. Louis Registrar's Office
Perform MARKIV database queries (MVS/TSO) and reformat data (UNIX)
to produce reports (Line-Printer) and address labels (Postscript).
- 2002-2019 Barista Starbucks Coffee Co.

Extracurricular

- 1989- Study the guitar, piano, bass, clarinet, music theory, songwriting.
Rock, Folk, Jazz, Ragtime, Blues, Classical, Flamenco.
UMSL Jazz Band, Jazz Ensemble, Pep Band, Concert Band.
- 1998-1999 "Redaktor" of the Pierre Laclède Honors College Student Association's *Brain Stew*.
Designed and Edited monthly magazine using Pagemaker and various other tools.
- 1999-2000 Treasurer of the UMSL ACM Chapter. *Requisitioned "first" computer!*
- 1998-2003 Intense interest in programming languages and language implementation,
graphics and graphics programming.
Frightened away by Hofstadter's *Godel, Escher, Bach*.
- 2007-present Resumed interest in programming with a goal to implement
a clone of Sun Microsystems' NeWS graphical programming interface for UNIX
Participated in internet programming fora
(`comp.lang.c`, `comp.lang.postscript`, `comp.unix.programmer`,
and `stackoverflow.com`) under the name "luser droog",
contributing programs, answers and questions.
- 2014-present Performed in local musicals with Stray Dog Theatre and Ignite Theatre
on electric bass, upright bass, and electric guitar.

Portfolio

- 2008-present `xpost`: A Level-1 Postscript Interpreter for GNU/Linux/X11 (github.com/luser-dr00g/xpost).
`debug.ps`: A portable Debugger for PostScript (github.com/luser-dr00g/debug.ps).
`pcomb`: Parser Combinators in C (github.com/luser-dr00g/pcomb).

```

23
24 %!PS
25 %!-D Ragged Typesetting Engine
26 /top { 110 720 } def /bot 70 def /newpage { T top moveto } def /sigil<5E>def
27 /br { 0 lead neg rmoveto } def /hbr { 0 lead -0.5 mul rmoveto } def
28 /line{gsave sigil{search{show exch token pop exec exch}{show exit}ifelse}loop grestore}def
29 /rline { gsave dup stringwidth pop neg 0 rmoveto show grestore } def
30 /par { (\n) { search exch line not { exit } if br
31   currentpoint exch pop bot lt { showpage newpage } if } loop br } def
32 /settab{/tabstop currentpoint pop def}def /tab{tabstop currentpoint exch pop moveto}def
33 /fontproc { 3 dict begin /name exch def /lead exch def /x exch def
34   ({/name //x selectfont /lead //lead def}) token pop exch pop bind end } def
35 /B 11 13 /Palatino-Bold fontproc def
36 /I 10 11 /Palatino-Italic fontproc def
37 /R 10 11 /Palatino-Roman fontproc def
38 /T 9 11 /Courier fontproc def
39 /H 14 16 /Palatino-Bold fontproc def
40
41 (1978- ) newpage rline
42 (Michael Joshua Ryan ^settab ^T luser.droog@gmail.com) H par
43 (3447 Connecticut St. 104 ^tab 202-494-2570
44 St. Louis, MO 63118) R hbr par
45
46 (Objective) br B line br
47 (I want to work where my skills and talents may be well utilized.
48 I attempt to combine Renaissance aesthetics, cosmopolitan ethics, and scientific technique
49 in the critique and construction of physical and conceptual artifacts.) R hbr par
50
51 (Education) br B line br
52 (1995-1996 ) T hbr rline
53 (In lieu of my senior year of high school,
54 I received a GED, and took Russian 101 at UM - St. Louis,
55 followed by a 6-month student exchange to Russia.) R par
56 (1996-2001 ) T hbr rline
57 (Accumulated 165 credit hours at UM - St. Louis, in an undirected, ill-advised,
58 survey of all the "interesting" classes in English, French,
59 Russian, Fine Arts, Computer Science, Honors Symposia, and Communications.) R par
60
61 (Employment) br B line br
62 (1998-2001 ) T hbr rline
63 (Student Programmer UM-St. Louis Registrar's Office
64 Perform ^T MARKIV ^R database queries (^T MVS/TSO^R ) and reformat data (^T UNIX^R )
65 to produce reports (Line-Printer) and address labels (^T Postscript^R ).) R par
66 (2002-2019 ) T hbr rline
67 (Barista Starbucks Coffee Co.) R par
68
69 (Extracurricular) br B line br
70 (1989- ) T hbr rline
71 (Study the guitar, piano, bass, clarinet, music theory, songwriting.
72 Rock, Folk, Jazz, Ragtime, Blues, Classical, Flamenco.
73 UMSL Jazz Band, Jazz Ensemble, Pep Band, Concert Band.) R par
74 (1998-1999 ) T hbr rline
75 ("Redaktor" of the Pierre Laclède Honors College Student Association's ^I Brain Stew.
76 Designed and Edited monthly magazine using Pagemaker and various other tools.) R par
77 (1999-2000 ) T hbr rline
78 (Treasurer of the UMSL ACM Chapter. ^I Requisitioned "first" computer!) R par
79 (1998-2003 ) T hbr rline
80 (Intense interest in programming languages and language implementation,
81 graphics and graphics programming.
82 Frightened away by Hofstadter's ^I Godel, Escher, Bach.^R) R par
83 (2007-present ) T hbr rline
84 (Resumed interest in programming with a goal to implement
85 a clone of Sun Microsystems' ^I NeWS ^R graphical programming interface for \
86 U^{gsave currentfont [.73 0 0 .8 0 0] makefont setfont}NIX^{grestore}.
87 Participated in internet programming fora
88 (^T comp.lang.c, comp.lang.postscript, comp.unix.programmer,
89 ^R and ^T stackoverflow.com^R ) under the name "luser droog",
90 contributing programs, answers and questions.) R par
91 (2014-present ) T hbr rline
92 (Performed in local musicals with Stray Dog Theatre and Ignite Theatre
93 on electric bass, upright bass, and electric guitar.) R par
94
95 (Portfolio) br B line R br
96 (2008-present ) T hbr rline
97 (xpost: A Level-1 Postscript Interpreter for GNU/Linux/X11 (^T github.com/luser-dr00g/xpost^R ).
98 debug.ps: A portable Debugger for PostScript (^T github.com/luser-dr00g/debug.ps^R ).
99 pcomb: Parser Combinators in C (^T github.com/luser-dr00g/pcomb^R ). ) R par
100 showpage

```

```

1 %!PS
2 %CV-Demo "Parasitic Quine Hack"
3 20 dict begin /sourcedict currentdict def /hack (
4   2 dict dup/Duplex true put dup/Tumble false put/setpagedevice dup where{pop cvx exec}{pop pop}ifelse
5   { /top { 45 582 } def /bot 422.5 def /lnum 0 def /++ { dup dup load 1 add store load } def
6   /line{gsave /lnum ++ ( ) cvs gsave -10 0 rmoveto rline grestore show grestore}def /line numbers
7   currentfile { dup read not {pop exit} if exch } loop %dump file on stack
8   count dup string dup 3 -1 roll 1 sub -1 0 { 4 -1 roll put dup } for pop %slurp data into a string
9   1 dict begin /prog exch def ({ //prog cvx end exec %execute program without dictionary
10    //sourcedict begin /newpage { gsave 0 792 translate -90 rotate T top moveto } def
11    /realshowpage /showpage load def %abuse showpage to compose textboxes
12    /showpage { grestore /newpage/T 45 700 moveto /bot 0 def}def /showpage /realshowpage load def} def
13    /T 7 7.6 /Courier fontproc def newpage (%!PS
14    %CV-Demo "Parasitic Quine Hack"
15    20 dict begin /sourcedict currentdict def /hack ) dup dup length 1 sub 16#28 put par %type prolog
16    /hack dup length 2 sub 1 exch getinterval par %type hack
17    ( def hack cvx exec) dup 0 16#29 put par %type seam
18    /prog dup length 1 sub 0 exch getinterval par %type prog
19    410 107 translate .27 .27 scale 0 0 612 792 rectstroke //prog cvx end exec %draw thumb
20    ) token pop exch pop end exec } exec quit
21    def hack cvx exec %stitch proc, end dict, execute
22

```

1978- **Michael Joshua Ryan** luser.droog@gmail.com
3447 Connecticut St. 104 202-494-2570
St. Louis, MO 63118

Objective
I want to work where my skills and talents may be well utilized.
I attempt to combine Renaissance aesthetics, cosmopolitan ethics, and scientific technique
in the critique and construction of physical and conceptual artifacts.

Education
1995-1996 In lieu of my senior year of high school,
I received a GED, and took Russian 101 at UM - St. Louis,
followed by a 6-month student exchange to Russia.
1996-2001 Accumulated 165 credit hours at UM - St. Louis, in an undirected, ill-advised,
survey of all the "interesting" classes in English, French,
Russian, Fine Arts, Computer Science, Honors Symposia, and Communications.

Employment
1998-2001 Student Programmer UM-St. Louis Registrar's Office
Perform MVS/TSO database queries (MVS/TSO) and reformat data (UNIX)
to produce reports (Line Printer) and address labels (Postscript).
2002-2019 Barista Starbucks Coffee Co.

Extracurricular
1989- Study the guitar, piano, bass, clarinet, music theory, songwriting.
Rock, Folk, Jazz, Ragtime, Blues, Classical, Flamenco.
UMSL Jazz Band, Jazz Ensemble, Pep Band, Concert Band.
1998-1999 "Redaktor" of the Pierre Laclède Honors College Student Association's Brain Stew.
Designed and Edited monthly magazine using Pagemaker and various other tools.
1999-2000 Treasurer of the UMSL ACM Chapter. Requisitioned "first" computer!
1998-2003 Intense interest in programming languages and language implementation,
graphics and graphics programming.
Frightened away by Hofstadter's Godel, Escher, Bach.
2007-present Resumed interest in programming with a goal to implement
a clone of Sun Microsystems' NeWS graphical programming interface for Unix
Participated in internet programming fora
(comp.lang.c, comp.lang.postscript, comp.unix.programmer,
and stackoverflow.com) under the name "luser droog",
contributing programs, answers and questions.
2014-present Performed in local musicals with Stray Dog Theatre and Ignite Theatre
on electric bass, upright bass, and electric guitar.

Portfolio
2008-present xpost: A Level-1 Postscript Interpreter for GNU/Linux/X11 (github.com/luser-dr00g/xpost).
debug.ps: A portable Debugger for PostScript (github.com/luser-dr00g/debug.ps).
pcomb: Parser Combinators in C (github.com/luser-dr00g/pcomb).