5RG $)DWRRKL 3K '

&RPSXWHU (QJLQHHULQJ 'HSDUWPHQW
&ROOHJH RI (QJLQHHULQJ
6DQ -RVH 6WDWH 8QLYHUVLW\ 6DQ -RVH &DOLIRU
:RUN
URG IDWRRKL#VMVX HGX
KWWS ZZZ VMVX HGX SHRSOH URG IDWRRKL

6XPPDU\

- 2YHU WZHQW\ ILYH \HDU H[SHULHQFH LQ DFDGHPLD ,7 LQGX WHDFKLQJ DQG FRQVXOWLQJ LQ FRPSXWHU QHWZRUNLQJ GHYHORSPHQW DQG DQDO\VLV SHUIRUPDQFH HYDOXDWLRQ

(GXFDWLRQ

- Doctor of Philosophy in Electrical Engineering 2OG 'RPLQLRQ 8QLYHUVLW\ 9LUJLQLD 'HFHPEHU
- Master of Science in Computer Engineering 6\UDFXVH 8QLYHUVLW\ 3URIHVVRU
3URIHVVRU LQ $VVRFLDWH &KD
- Computer Scientist DW 1$6$ $PHV 5HVHDUFK

0RIIHWW)LHOG &$

- Faculty Scholar, /DZUHQFH /LYHUPRUH 1DWLRQDO /DERUDWRU\
- Faculty Scholar, /DZUHQFH /LYHUPRUH 1DWLRQDO /DERUDWRU\
- Consultant, ,3 ,QIXVLRQ ,QF 6DQ -RVH &DOLIRUQLD
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- 'RFWRUDO)HOORZVKLS 2OG 'RPLQLRQ 8QLYHUVLW\

7HDFKLQJ ([SHULHQFH

- 'HYHORSHG DQG WDXJKW WKUHH XQGHUJUDGXDWH FRXUVHV &RPSXWHU 1HWZRUNV , &PS(&RPSXWHU 1HWZRUNV ,, &
- 'HYHORSHG DQG WDXJKW IRXU JUDGXDWH FRXUVHV &RPSXW 1HWZRUN 3URJUDPPLQJ DQG $SSOLFDWLRQV &PS(1HWZ &PS(3DUDOOHO 3URFHVVLQJ &PS(6DQ -RVH 6WDW

8QLYHUVLW\ 6HUYLFH

- University Senator, 6DQ -RVH 6WDWH 8QLYHUVLW\
- Member, 3URYRVW 6HDUFK &RPPLWWHH 6DQ -RVH 6WDWH 8QLYH
- Member & Chair, 8QLYHUVLW\ 6DEEDWLFDO /HDYH &RPPLWWHH 6DQ
- Member, 8QLYHUVLW\ 5HWHQWLRQ 7HQXUH 3URPRWLRQ &RPPLW
- Member & Chair, 8QLYHUVLW\ ,QIRUPDWLRQ 7HFKQRORJ\ %RDUG 6D
- Member, 8QLYHUVLW\ ,7 5HYLHZ 7DVN)RUFH 6DQ -RVH 6WDWH 8
- Member, 8QLYHUVLW\ 6WXGHQW)DLUQHVV &RPPLWWHH 6DQ -RV
- Member, 8QLYHUVLW\ )DFXOW\ 6DQ -RVH 6WDWH 8QLYHUVLW\
- Member)DFXOW\ &KLHI ,QIRUPDWLRQ 2IILFHU $GYLVRU\ &R
- Member & Chair, &ROOHJH 5HWHQWLRQ 7HQXUH 3URPRWLRQ &RPP
- Chair, &ROOHJH ,QIRUPDWLRQ 7HFKQRORJ\ &RPPLWWHH &ROOH
- Member, &ROOHJH *UDGXDWH 6WXGLHV 5HVHDUFK &RPPLWWHH &RO
- Chair, 'HSDUWPHQW 3RVW 3URPRWLRQ ,QFUHDVH)DFXOW\ &RPP
- Member, 'HSDUWPHQW 5HWHQWLRQ 7HQXUH 3URPRWLRQ &RPPL

3URIHVVLRQDO $FWLYLWLHV

- Panel Reviewer 1DWLRQDO 5HVHDUFK &RXQFLO 15& (QJLQHHU)RXQGDWLRQ 'LYHUVLW\ 3UH GRFWRUDO)HOORZVKLSV
- Member +RQRU 6RFLHW\ RI H
- Me ìÀ p H† Panel Reviewer I

)DWRRKL 5 *XQZDQL 9 :DQJ 4 DQG =KHQJ & Performance Evaluation of Middleware
Bridging Technologies, -RXUQDO RI 5HVHDUFK DQG 3UDFWLFH LQ ,QIRU
1R SS ±
)DWRRKL 5 DQG 6PLWK K Development and implementation of a distributed-object job-
execution environment -RXUQDO RI 6FLHQWLILF 3URJUDPPLQJ 9RO
)DWRRKL 5 Performance Evaluation of Communication Software Systems for Distributed
Computing 'LVWULEXWHG 6\VWHPV (QJLQHHULQJ -RXUQDO 9RO
)DWRRKL 5 Adapting a Navier-Stokes Solver for Three Parallel Machines, 7KH -RXUQDO RI
6XSHUFRPSXWLQJ 9RO 1R SS ±
%DLOH\ ' %DUV]F] (%DUWRQ - %URZQLQJ ' &DUWHU
)UHGHULFNVRQ 3 /DVLQVNL 7 6FKUHLEHU 5 6LPRQ + The NAS
Parallel Benchmarks, ,QW -RXUQDO RI 6XSHUFRPSXWHU $SSOLFDWLR

)DWRRKL 5 Multitasking on the Cray Y-MP: An Experiment with a 2-D Navier-Stokes Code
,QWHUQDWLRQDO -RXUQDO RI +LJK 6SHHG &RPSXWLQJ 9RO
)DWRRKL 5 Multitasking a Navier-Stokes Algorithm on the Cray-2 7KH -RXUQDO RI
6XSHUFRPSXWLQJ 9RO 1R SS
)DWRRKL 5 DQG *URVFK & Implementation of an ADI Method on Parallel Computers
-RXUQDO RI 6FLHQWLILF &RPSXWLQJ 9RO 1R SS

Refereed Conference Papers

0DUMDQRYLF , DQG)DWRRKL 5 Design and Implementation of a Self-Configuring Instrument
Control System 3URF WK ,(((,QW 6\PS RQ 3DUDOOHO DQG 'LVWULEXWHG
ƒ 6q d Sca6(_(dab(a S-4(ded I of)e)-)age Tranen(nemf)-4Speess-5(fHmen)-4s Ov Tf 22(sE Tf 1